

**SNMOC REPORT**  
**SITE CODE: QLTX**  
All concentrations reported in ppbC

Sample No.:	06571D1	06571D2	06614	06644	06676
Sampling Date:	6/27/96	6/27/96	6/28/96	7/1/96	7/28/96
Absolute Date:	7/26/96	7/26/96	7/26/96	7/31/96	7/30/96
2,2,3-Trimethylpentane	0.34	0.51	0.86	0.76	0.66
2,3,4-Trimethylpentane	0.61	0.85	1.02	1.12	1.07
Toluene	7.01	9.64	19.97	16.47	9.49
2-Methylheptane	0.20	0.23	0.44	0.87	0.37
1-Octane	ND	0.20	0.59	0.84	0.46
3-Methylheptane	0.77	0.36	0.80	0.32	1.15
1-Octene	0.77	1.17	1.10	1.11	0.94
Ethylbenzene	1.36	2.04	2.65	3.96	1.71
m,Xylenes/p-Xylene	4.03	5.98	7.11	7.67	4.93
Styrene	1.32	2.06	3.04	3.07	0.94
$\alpha$ -Xylenes	1.51	2.18	2.49	5.06	1.92
1-Methane	0.39	0.24	0.19	0.28	0.34
n-Ketene	0.45	1.07	0.75	0.79	0.61
Isopropylbenzene	0.49	0.12	ND	0.23	0.16
$\alpha$ -Pinenes	1.16	1.57	2.28	2.02	2.06
n-Propylbenzene	0.41	0.27	1.05	1.08	0.86
m-Ethylbenzene	1.70	2.29	2.37	2.58	2.19
p-Ethylbenzene	0.71	1.07	1.21	1.38	0.99
1,3,5-Trimethylbenzene	0.82	1.02	1.53	1.71	0.98
n-Ethyltoluene	0.60	0.98	1.05	1.96	1.24
n-Hexane	0.80	0.90	0.15	4.28	1.41
1-Decene	2.17	4.32	ND	ND	3.72
1,2,4-Trimethylbenzene	1.67	2.62	3.49	3.92	2.94
n-Decane	0.52	1.17	1.41	1.17	1.34
1,2,3,7-Tetramethylbenzene	1.73	5.54	3.05	1.33	3.02
m-Diethylbenzene	0.79	0.86	0.60	0.62	1.12
p-Diethylbenzene	0.31	0.46	1.02	1.75	0.94
1-Undecene	2.73	1.61	3.01	2.51	4.02
n-Undecane	1.61	1.01	1.86	1.88	3.40
1-Dodecane	1.34	2.00	1.75	2.27	1.36
n-Dodecane	2.11	1.04	3.42	2.59	3.44
1-Tridecene	ND	0.61	0.56	0.50	0.47
n-Tridecane	0.41	1.24	1.38	1.62	2.51
THMOC (w/Unknowns)	155.44	255.75	226.34	203.70	227.74
THMOC (Speciated)	109.02	174.18	196.79	279.45	158.08

Foulness:  
q - Foulsmell not analyzed due to H2S flavor out.

**SNIROC REPORT**  
**SITE CODE: DLTX**  
**All concentrations reported in ppbC**

Sample No.:	06005	06004	06005	06005	06005	06005
Bumping Date:	7/19/96	7/19/96	7/19/96	7/19/96	7/19/96	7/19/96
Analysis Date:	8/19/96	8/19/96	8/20/96	8/20/96	8/20/96	8/20/96
Ethylene	1.80	3.76	2.68	4.52	7.70	6.07
Acetylene	8.17	17.28	6.27	5.87	13.34	12.33
Propylene	3.24	3.47	2.44	4.95	3.69	2.44
Propane	7.20	6.22	7.10	4.17	8.45	7.88
Propene	ND	ND	ND	ND	ND	ND
Butane	2.02	1.81	2.68	2.98	2.61	2.53
Isobutene/1-butene	1.49	1.92	1.15	1.59	3.77	2.63
1,3-Butadiene	ND	ND	ND	ND	ND	ND
Isobutane	3.50	3.46	4.15	4.70	8.23	7.13
trans-2-Butene	0.14	0.20	0.26	ND	0.91	0.37
cis-2-Butene	0.10	0.12	0.06	0.27	0.77	0.34
D-11	3.09	3.09	0.08	ND	0.28	0.26
3-Methyl-1-butene	ND	ND	ND	ND	ND	ND
Isopentene	ND	ND	ND	ND	ND	ND
1-Pentene	ND	0.40	0.21	0.52	1.55	1.27
2-Methyl-1-pentene	ND	0.10	0.10	0.55	0.97	1.02
n-Pentane	ND	3.18	3.34	ND	0.62	0.76
Isoprene	ND	1.14	1.40	0.21	0.76	0.61
trans-2-Pentene	ND	0.55	ND	0.58	1.65	1.42
cis-2-Pentene	0.16	0.13	0.09	0.34	0.88	0.65
2-Methyl-2-butene	0.74	0.16	0.38	0.72	2.15	1.83
2,2-Dimethylbutane	11.54	11.4	0.45	ND	3	1.15
Cyclopentane	0.35	1.44	0.09	0.94	0.34	0.26
4-Methyl-1-pentene	1.51	1.10	1.34	0.12	0.73	0.76
Cyclopentene	0.27	0.38	0.34	0.39	0.62	0.59
2,3-Dimethylbutene	0.86	1.13	0.63	0.60	1.33	1.48
2-Methylpentane	6.80	5.43	1.70	4.95	44.73	0.75
3-Methylpentane	1.34	2.32	2.68	2.28	5.33	5.49
1-Pentene	ND	1.0	ND	ND	0.36	ND
2-Methyl-1-pentene	ND	1.42	0.21	0.41	0.27	0.76
2-Ethyl-1-butene	ND	ND	ND	ND	ND	ND
m-Hexene	1.92	ND	ND	ND	ND	ND
o-Hexene	ND	1.15	2.25	4.57	3.74	0.33
trans-2-Hexene	ND	ND	0.12	0.38	0.40	0.79
cis-2-Hexene	ND	ND	ND	ND	ND	ND
Methylcyclopentane	1.01	1.63	1.32	1.47	2.05	2.11
2,4-Dimethylpentane	0.44	0.41	0.33	0.41	0.61	0.78
Sedane	2.00	3.14	3.00	3.30	5.14	4.03
Cyclohexane	0.42	0.71	0.35	0.51	0.72	0.61
2-Methylhexane	1.19	0.63	0.03	1.57	2.15	2.06
2,3-Dimethylhexane	0.29	1.47	0.32	1.40	0.86	0.67
3-Methylhexane	3.65	1.50	2.69	4.54	6.23	4.87
1-Hexene	1.34	1.46	1.23	1.48	0.75	0.61
2,2,4-Trimethylpentane	1.64	2.76	1.18	2.00	3.18	1.75
n-Hopano	ND	ND	ND	ND	ND	ND

SNMDC REPORT  
SITE CODE: DLTX  
All concentrations reported in ppbC

Foulnotes  
- e - Correspondence may be addressed to Prof. Dr. M. H. Nagle, M.A.

**SNMOC REPORT**  
**SITE CODE: DLTX**  
All concentrations reported in ppbC

Sample No.	05942	06898	06991	07038
Sampling Date:	7/16/96	7/17/96	7/19/96	7/20/96
Analyte Date:	8/12/96	8/14/96	8/14/96	8/15/96
Ethylene	4.73	3.69	2.47	3.20
Acetylbenzene	13.53	11.35	3.26	1.00
Propylene	2.53	2.47	3.73	7.77
Propane	8.73	5.88	5.20	8.74
Propyne	ND	ND	0.15	ND
Isobutane	1.34	1.08	1.81	3.05
Isobutyl-1-Bulene	ND	2.13	1.55	1.36
1,2-Ethylene	ND	1.5	2.16	0.96
n-Butane	2.09	2.86	5.24	6.02
trans-2-Butene	ND	ND	ND	ND
cis-2-Butene	ND	0.18	ND	0.12
3-Methyl-1-hexene	ND	0.21	ND	0.07
Isopentane	ND	6.25	5.83	0.96
1-Hexane	0.36	0.63	0.54	ND
2-Methyl-1-Butene	0.79	1.44	0.19	ND
1-Pentane	6.39	1.60	4.14	ND
Isopentene	0.74	1.20	0.66	ND
trans-2-Pentene	0.78	0.88	0.12	ND
cis-2-Pentene	0.51	0.46	0.50	ND
2-Methyl-2-Pentene	1.30	0.52	0.41	ND
2,2-Dimethylbutane	0.46	0.51	0.36	ND
Cyclopentene	0.16	0.34	0.46	ND
4-Methyl-1-pentene	0.14	0.07	0.32	ND
Cyclopentane	0.71	5.24	0.34	0.15
2,3-Dimethylbutane	2.45	3.07	1.31	0.52
2-Methylbutylene	5.65	4.57	2.03	0.17
3-Methylpentane	3.75	1.75	1.48	1.18
1-Hexene	ND	ND	ND	0.51
2-Methyl-1-pentene	1.08	1.29	ND	0.31
2-Ethyl-1-butane	ND	ND	ND	0.20
1-Hexene	4.46	2.39	2.46	1.86
trans-2-Hexene	0.59	7.11	6.11	0.41
cis-2-Hexane	4.0	0.05	0.18	0.06
Methylcyclopentane	1.17	0.61	0.30	1.44
2,4-Dimethylpentane	0.93	0.36	0.32	0.41
Heptane	3.63	7.20	2.06	2.91
Cyclohexene	0.50	0.76	0.36	0.65
2-Methylhexane	2.54	1.36	1.18	1.40
2,3-Dimethylpentane	0.70	1.76	0.40	0.41
3-Methylhexane	0.81	1.98	1.46	3.81
1-Hexene	1.37	6.50	11.22	4.17
2,2,4-Trimethylpentane	3.15	1.60	1.72	0.25
1-Hexene	ND	ND	1.32	1.41
2,3-Dimethylpentane	ND	ND	1.24	1.23

**SNMOC REPORT**  
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Sample No:	06901	06902	07038
Sampling Date:	7/15/98	7/17/98	7/19/98
Analytic Date:	8/3/98	8/14/98	8/15/98
Methylcyclohexane	3.65	1.24	1.53
2,2,3-Timethylpentane	0.58	0.55	0.32
2,3,4-Timethylpentane	0.92	0.65	0.39
Toluene	21.32	10.87	7.65
2-Methylpentane	1.72	0.54	0.22
3-Methylheptane	2.00	0.48	0.27
1-Octene	0.37	0.21	0.26
n-Octane	2.24	0.59	0.61
Ethylbenzene	10.18	2.21	1.68
m-Xylenes/p-Xylene	29.51	5.19	5.74
Styrene	5.13	1.38	0.61
o-Xylene	9.41	1.67	2.14
1-Naphthal	0.63	0.05	0.14
m-Naphthal	2.01	0.48	0.45
Isopropenylbenzene	0.33	0.10	0.63
o-Pinane	2.98	2.18	2.50
m-Pinane	1.59	0.70	0.71
m-Ethyltoluene	5.00	1.56	1.57
p-Ethyltoluene	2.41	1.01	1.40
1,3,5-Trimethylbenzene	2.03	1.13	0.56
o-Ethyltoluene	2.16	0.60	0.98
t-Pinene	7.10	6.08	1.04
1-Decene	NC	ND	ND
1,2,4,3-Tinemethylbenzene	7.66	2.75	2.14
n-Decane	3.44	1.97	1.36
1,2,3,4-Tinemethylbenzene	2.89	0.26	0.31
m-Dimethylbenzene	5.40	1.08	1.38
p-Dimethylbenzene	2.78	2.18	1.16
1-Undecene	8.62	6.90	4.02
n-Undecane	4.56	1.81	1.40
1-Dodecene	1.80	2.15	1.23
n-Dodecane	4.42	2.16	2.59
1-Tridecane	0.44	0.48	0.16
n-Tridecane	2.92	1.79	1.66
TNMOC (w/ unknown)	495.63	756.14	246.72
TNMOC (checked)	234.46	128.57	107.63

Footnotes:  
g - Compound not analyzed due to FID flame out

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**SNMOC REPORT**  
**SITE CODE: DLTX**  
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Sample No.:	07121	07139	07168
Sampling Date:	7/22/96	7/23/96	7/23/96
Analysis Date:	8/19/96	8/20/96	8/20/96
Ethane	2.84	4.30	4.29
Acetylene/Ethane	2.43	6.10	8.08
Propane	1.86	2.67	4.92
Propene	3.51	2.25	4.75
Propane	ND	ND	ND
Isooctane	0.62	0.80	2.83
Isobutylbenzene	1.44	1.67	2.01
1,3-Bis(2-methylpropyl)benzene	1.37	1.21	0.14
n-butane	2.68	2.61	5.14
Isobutene	0.45	0.18	0.26
Isobutene	0.24	2.10	0.13
3-Methyl-1-butene	0.09	0.32	0.14
Isopentane	4.73	7.27	8.47
1-Pentene	0.56	0.30	0.46
2-Methyl-1-pentene	0.53	0.46	0.49
n-Pentane	ND	0.76	4.61
Propene	ND	0.90	3.72
Trans-2-Pentene	ND	0.53	0.86
cis-2-Pentene	0.16	0.29	0.27
2-Methyl-2-butene	0.68	2.02	0.58
2,2-Dimethylbutane	0.28	2.25	0.56
Cyclopentane	0.08	0.17	ND
4-Methyl-1-pentene	0.42	0.16	0.16
Cyclohexane	0.18	0.30	0.41
2,3-Dimethylbutane	0.42	1.69	0.85
2-Methylpentane	3.87	4.39	3.13
3-Methylpentane	2.34	1.71	2.47
1-Hexene	ND	0.26	ND
2-Methyl-1-hexene	0.19	0.17	0.35
2-Ethyl-1-butene	ND	ND	ND
n-Hexane	1.48	ND	2.87
trans-2-Hexene	0.06	0.07	0.22
(n-2-Hexenyl)	0.05	-	0.41
Methylcyclohexene	0.79	1.16	0.10
2,4-Dimethylpentane	0.25	1.43	0.44
Isobutene	1.96	2.08	3.07
Cyclohexene	0.21	2.34	0.52
2,4-Dimethylhexane	0.81	1.84	1.61
2,3-Dimethylpentane	0.24	1.20	0.45
3-Methylhexane	2.51	2.91	1.62
1-Hexene	0.23	1.47	0.41
2,2,4,5-Tetramethylpentane	1.31	1.84	2.00
n-Hopane	0.19	1.62	1.46

**SNMOC REPORT**  
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Bump# No.	07034902	07121	07126	07139	07150
Sampling Date:	7/22/96	7/23/96	7/24/96	7/24/96	7/24/96
Analysis Date:	8/1-9/96	8/10/96	8/20/96	8/20/96	8/21/96
Methylcyclohexane	0.39	1.34	1.06	ND	ND
2,2,3,7-Tetrahydrobenzene	0.26	0.50	0.41	0.60	0.67
2,3,4,1-Tetrahydronaphthalene	0.46	0.60	0.57	0.89	0.89
Toluene	4.66	7.48	6.68	16.96	11.55
2-Methylnapht	0.26	0.51	0.61	2.50	0.95
3-Methylheptane	0.26	0.49	0.59	3.66	0.81
1-Octene	0.10	0.19	0.20	2.75	0.22
n-Octane	0.51	0.67	0.68	2.37	1.24
Ethylbenzene	0.80	1.93	1.79	7.14	3.21
m-Xylenep-Xyrene	2.17	5.19	8.06	73.03	11.96
o-Xylene	0.56	2.54	0.66	1.25	0.76
n-Xylene	1.40	1.51	2.14	7.03	3.70
1-Naphth	0.10	0.11	1.26	0.32	0.14
n-Nanane	0.37	0.57	0.53	3.94	0.82
Heptadecane	0.09	0.10	0.18	0.30	0.15
o-Phenone	3.18	2.04	1.84	1.63	1.52
n-Propylbenzene	0.36	0.51	0.43	1.44	0.37
m-Ethylbenzene	1.15	1.59	1.65	6.19	1.84
p-Ethyltoluene	0.66	0.69	0.77	2.63	1.05
1,3,6-Trimethylbenzene	0.51	0.77	0.61	3.59	1.60
o-Ethylidene	0.67	0.47	0.52	2.64	1.06
o-Phenone	0.96	4.09	1.46	5.22	0.76
1-Decene	2.17	ND	0.36	2.20	0.18
1,2,4,1-Tetrahydronaph	1.49	2.40	2.38	7.95	2.67
o-Decene	0.49	2.07	0.89	4.79	1.15
1,2,3-Tetrahydronaph	0.42	0.34	0.60	4.04	0.21
m-Cyclohexene	0.82	1.37	1.13	2.81	1.09
p-Cyclohexene	0.60	1.46	0.86	2.56	0.84
o-Unsatd	3.27	4.09	1.42	5.74	3.18
n-Unsatd	0.74	9.73	1.48	3.43	2.74
1-Decene	0.40	1.42	1.32	2.21	0.77
n-Octane	0.85	7.24	3.13	2.55	3.46
1-Tetradecene	0.20	0.51	0.45	0.99	0.07
n-Tetradecene	0.50	3.06	3.23	2.44	1.59
THMOC (w/ unknown)	173.20	199.74	183.21	347.15	234.86
THMOC (specialized)	78.23	137.76	129.47	229.68	159.61

Footnotes:  
a - Compound not analyzed due to FID failure

**SNMOC REPORT**  
**SITE CODE: DLIX**  
All concentrations reported in ppbC

Sample No.:	01233D1	07234D2	07235	07301	07327	07344
Sampling Date:	7/27/96	7/31/96	8/1/96	8/2/96	8/2/96	8/2/96
Analyte Date:	8/27/96	8/27/96	8/27/96	8/27/96	8/27/96	8/27/96
Ethylene	1.32	1.45	5.78	5.39	6.08	1.49
Acetylene/Ethane	2.03	1.88	9.84	11.48	11.61	3.30
Propylene	1.75	1.67	2.75	2.62	14.81	1.27
Propane	2.85	2.52	6.00	11.52	11.28	3.50
Propyne	ND	ND	ND	ND	ND	ND
Isobutane	0.64	1.16	2.45	2.70	1.63	1.15
Isobutene/1-butene	1.89	2.20	2.82	ND	7.77	1.19
1,3-Butadiene	2.46	2.50	1.98	1.16	0.18	0.68
n-butane	3.15	4.40	6.22	10.03	4.81	3.26
Isom-2-Butene	ND	ND	0.34	0.35	0.08	ND
Is-2-butene	0.17	0.10	0.17	0.15	0.26	0.09
3-Methyl-1-butene*	0.15	0.07	0.22	0.21	0.32	0.08
Isopentane	6.19	6.55	10.05	12.21	13.48	4.07
1-Pentene	0.37	0.21	0.54	0.78	0.61	ND
2-Methyl-1-pentene	0.22	0.64	0.70	0.47	0.67	0.30
n-Pentane	3.17	3.73	6.29	7.51	7.85	2.83
Heptane	0.73	0.72	1.19	1.79	1.05	0.49
Isom-2-Pentene	0.41	0.36	0.84	0.92	0.80	0.29
iso-2-Pentene	0.20	0.19	0.40	0.28	0.38	0.15
2,4-Methyl-2-butene	0.52	0.82	1.12	0.96	0.67	0.68
2,2-Dimethylbutane	0.34	0.36	0.69	0.84	1.00	0.30
Cyclopentene	0.08	0.08	1.02	ND	0.80	0.10
4-Methyl-1-Pentene	0.58	ND	0.08	2.00	0.11	0.32
Cyclopentane	0.42	0.20	0.74	0.71	0.62	0.23
2,3-Dimethylbutane	0.59	1.13	1.65	1.24	1.46	0.42
2-Methylpentane	5.21	4.13	5.23	6.35	7.82	ND
3-Methylpentane	1.80	0.99	3.22	5.44	3.94	1.19
F-Hexane	6.10	1.0	ND	ND	0.19	ND
4-Li	0.34	0.46	0.27	0.28	0.28	0.22
2-Methyl-1-pentene*	ND	ND	ND	ND	ND	ND
2-Ethyl-1-butane*	ND	ND	ND	ND	ND	ND
n-Tetraene	2.13	2.18	4.20	4.55	4.06	1.74
trans-2-Hexene	0.10	0.14	0.24	0.71	0.23	0.34
cis-2-Hexene	0.08	0.22	0.09	0.16	0.08	0.12
Methylcyclopentane	0.97	0.44	1.79	1.77	1.87	0.88
2,4-Dimethylbenzene	0.28	0.30	0.64	0.61	0.85	0.41
Benzene	2.49	1.98	3.66	4.54	4.52	1.89
Cyclohexane	0.32	1.40	0.60	0.86	0.62	0.35
2-Methylbenzene	1.15	1.02	2.47	1.86	3.58	0.84
2,3-Dimethylpentane	0.36	2.40	0.10	0.50	1.06	0.24
2-Methylhexane	1.65	1.59	4.20	4.45	6.40	2.86
1-Hexene	0.31	0.30	0.57	0.46	0.80	0.23
2,2,4-Trimethylpentane	1.82	0.03	2.67	2.23	3.32	1.83
n-Hexane	1.03	1.52	2.33	2.02	3.34	1.00

**BINOC REPORT**  
**SITE CODE: DLIX**  
All concentrations reported in ppbC

Sample No.	072330T	072340T	072350T	07301
Sampling Date:	7/30/95	7/30/95	8/1/95	8/1/95
Analyte Name:				
Methylcyclohexane	0.82	0.71	3.42	3.46
2,2,3 Trimethylpentane	0.43	0.31	0.62	1.58
2,3,4 Trimethylpentane	0.51	0.24	1.41	0.84
Toluene	0.82	0.71	12.29	10.99
2-Methylheptane	0.47	0.36	0.54	13.51
3-Methylheptane	0.29	0.20	0.89	0.67
1-Octene	0.13	0.28	0.47	0.16
n-Octane	0.71	0.72	1.95	1.17
Ethylbenzene	1.44	1.78	4.14	2.80
m-Xylenes-Kyrene	5.27	4.29	11.54	9.15
Styrene	0.64	0.96	3.27	1.15
$\alpha$ -Xylene	1.73	2.04	3.94	2.93
t-Heptane	0.19	0.22	0.27	0.14
n-Heptane	0.52	0.47	0.81	0.60
Isopropylbenzene	0.98	0.20	0.22	0.17
s-Phene	3.25	1.77	1.84	1.24
n-Propylbenzene	0.39	0.29	0.71	0.58
m-Ethyltoluene	1.68	1.73	2.46	2.26
p-Ethyltoluene	0.41	0.78	1.23	1.21
1,2,3 Trimethylbenzene	0.72	0.74	1.46	1.55
o-Crotonylbenzene	0.73	0.82	0.77	1.06
Isobutene	0.60	0.73	4.42	0.61
1-Decene	2.60	2.81	0.59	2.90
1,2,4 Trimethylbenzene	2.14	2.19	3.89	N.D.
n-Decene	0.57	1.09	1.46	1.04
1,2,3 Trimethylbenzene	0.43	0.40	1.73	1.77
m-Diethylbenzene	1.10	1.22	1.91	1.29
p-Diethylbenzene	0.79	0.97	2.01	0.99
1-Undecene	4.41	4.56	4.56	3.04
n-Undecane	1.96	4.42	5.40	5.06
t-Butylcane	0.63	1.31	2.16	8.69
n-Dodecane	1.69	6.41	6.19	6.97
1-Triadecene	ND	0.06	0.41	N.D.
n-Tetradecane	0.39	1.54	3.76	1.36
THMOG (w/unknown)	163.34	178.63	309.83	288.91
1MMOC (specified)	92.95	145.99	165.04	191.67

Footnotes:

a - Computed not measured due to FID flame out

b - Compound not measured due to water artifacts in portion of chromatogram

150.08  
RD.61

328.61  
215.07

150.08  
RD.61

**SNMOC REPORT**  
**SITE CODE: DLTX**

All concentrations reported in ppbC

Sample No.:	740301	07470	07550
Sampling Date:	8/7/96	8/7/96	8/7/96
Analyzed Date:	8/10/96	8/10/96	8/10/96
Ethane	2.74	6.86	10.10
1-Aryl-1-Ethane	6.24	17.26	5.55
Propane	1.62	2.68	19.76
Propane	4.81	10.58	4.81
Propane	ND	ND	11.42
Isobutane	1.36	4.82	ND
Isobutene/1-butene	1.17	2.78	4.84
1,3-Butadiene	0.66	1.39	2.85
n-butane	2.85	8.32	1.14
trans-2-Butene	0.12	0.44	ND
cis-2-Butene	0.05	0.25	0.29
3-Methyl-1-butene	ND	0.16	0.18
Isobutane	3.38	12.72	12.77
1-Pentene	0.97	0.62	0.49
2-Methyl-1-pentene	0.25	1.86	0.26
n-Pentane	2.51	6.36	6.28
Isoprene	0.78	1.56	1.61
trans-2-Pentene	0.97	1.00	0.76
cis-2-Pentene	0.18	ND	ND
2,4-Dimethyl-2-butene	0.35	ND	ND
2,2-Dimethylbutane	0.18	0.75	0.77
Cyclopentene	0.05	0.54	0.70
4-Methyl-1-pentene	ND	1.05	1.05
Cyclopentane	0.32	0.60	0.39
2,3-Dimethylbutane	0.86	1.10	1.07
2,4-Dimethylbutane	1.88	8.44	6.14
3-Methylpentane	1.13	3.74	2.77
1-Hexene	ND	0.25	0.17
2-Methyl-1-hexene	0.26	0.16	0.70
2-Ethyl-1-hexene	ND	ND	ND
n-Hexane	1.52	4.07	4.06
trans-2-Hexene	0.11	0.26	0.20
cis-2-Hexene	0.02	0.28	0.26
Methylcyclopentane	0.01	2.11	ND
2,4-Dimethylpentane	0.24	0.76	0.61
Benzene	1.86	5.61	5.15
Cyclohexane	0.25	0.60	0.85
2-Methylheptane	1.13	1.78	1.00
2,3-Dimethylpentane	0.27	0.60	0.52
4-Ethylhexane	1.26	3.46	2.78
C23	0.23	0.31	0.45
1-Hexane	1.15	2.37	2.05
2,2,4-Trimethylpentane	0.81	2.02	2.21
n-Heptane			2.03

SHMOC REPORT  
SITE CODE: DLTX

All cases/ratings reported in this

**SNMOC REPORT**  
**SITE CODE: DLTX**  
All concentrations reported in ppbC

Sample No.:	07617	076501	076502	07749
Sampling Date:	B14/06	8/10/95	8/10/95	6/20/95
Analysis Date:	B10/95	8/12/95	8/12/95	9/16/95
Ethylene	0.37	0.38	4.74	3.23
Acetylene/ethane	3.34	24.80	18.69	14.73
Propylene	3.27	2.26	3.21	2.11
Propane	1.34	12.41	8.93	4.88
Propene	ND	ND	ND	ND
Isobutane	4.61	4.31	ND	ND
Isobutyl-1-butene	2.05	2.05	2.33	2.50
1,3-Butadiene	0.51	0.69	0.77	1.40
Isobutane	0.08	0.28	0.10	0.45
cis-2-Butenes	0.39	0.30	ND	0.09
cis-2-butene	0.20	0.21	ND	0.14
1-Methyl-1-butene	0.23	0.32	ND	0.23
Isopentane	ND	14.13	13.70	10.77
1-Pentene	0.53	ND	0.16	0.54
2-Methyl-1-pentene	0.73	ND	0.51	0.50
n-Pentane	0.14	5.40	ND	5.18
Isopentane	0.60	0.33	ND	0.49
trans-2-Pentene	1.22	0.38	ND	0.40
cis-2-Pentene	0.34	0.23	0.28	0.18
2-Methyl-2-pentene	0.85	0.63	0.41	0.30
2,2-Dimethylbutane	1.00	0.69	0.10	1.14
Cyclopentane	0.17	1.85	1.82	1.20
4-Methyl-1-pentene	0.11	0.16	0.73	0.56
Cyclopentene	0.86	0.67	0.50	0.62
2,3-Dimethylbutane	1.32	1.16	1.12	1.11
2-Methylpentane	2.95	4.59	5.21	9.16
2-Methylpentene	3.75	2.87	2.23	3.35
1-Hexene	ND	0.23	0.16	ND
2-Androstan-1-pentene	0.43	0.22	0.26	0.23
2-Ethyl-1-pentene	ND	ND	ND	ND
6-Hexene	4.94	4.74	4.57	4.20
trans-2-Hexene	0.22	0.33	0.26	0.26
cis-2-Hexene	0.07	0.97	0.46	0.26
Methylcyclopentane	2.08	1.74	1.85	1.51
2,4-Dimethylpentane	0.79	0.54	0.66	0.89
Heptene	4.76	4.42	5.00	4.67
Cyclohexane	0.66	0.73	0.76	2.02
2-Methylhexane	2.57	2.08	2.35	1.86
2,3-Dimethylhexane	1.03	0.66	0.62	0.59
3-Methylhexane	2.96	3.26	3.62	4.70
1-Hexene	0.71	0.51	0.62	1.25
2,2,7-Trimethylpentane	3.78	2.42	2.64	2.60
n-Hexane	2.11	2.06	2.31	1.94

**SNMOC REPORT**  
**SITE CODE: DLTX**

All concentrations reported in ppbC

Sample No.:	07617	076101	076602	07690	07749
Sampling Date:	8/14/95	8/15/95	8/15/95	8/15/95	8/24/95
Analytic Date:	8/16/95	8/17/95	8/16/95	8/16/95	8/16/95
Known Polycyclic Aromatic Hydrocarbons					
Naphthalene	1.60	1.16	3.79	1.51	5.41
2,2,3-Tetracyanobiphenyl	0.94	0.65	0.79	0.89	0.88
2,3,4,3-tetracyanobiphenyl	1.06	0.97	0.99	1.03	2.65
Toluene	11.97	11.45	16.44	22.31	14.88
2-Methylthiophene	0.85	0.85	0.93	0.75	0.91
3-Methylthiophane	0.87	0.42	3.44	0.77	0.78
1-Octene	0.43	0.33	0.39	0.26	0.47
1,3-Pentane	1.26	1.08	1.07	1.77	1.11
Ethylbenzene	2.24	2.98	2.79	2.67	3.76
m,p-Xylenes/p-Xylene	7.25	8.71	5.57	5.67	2.66
Syrano	1.36	2.61	2.79	1.30	9.54
o-Xylene	2.00	3.20	3.01	1.64	3.39
1-Nitropane	0.26	0.23	0.12	0.17	0.18
n-Nonane	1.44	2.14	2.04	0.74	0.90
Isopropylbenzene	0.20	0.16	0.21	0.18	0.37
n-Prune	1.03	2.10	2.27	2.06	2.06
n-Propylbenzene	0.16	0.16	0.21	0.26	0.26
m-Ethyltoluene	2.69	2.05	2.31	2.56	3.95
p-Ethyltoluene	1.27	0.93	1.16	1.42	1.84
1,3,5-Triisopropylbenzene	1.47	1.31	1.14	1.22	2.67
> Ethyltoluene	0.86	0.61	0.70	1.20	1.24
o-Phenone	1.97	2.54	4.06	6.64	4.03
1-Decene	0.14	ND	ND	2.15	0.23
1,2,4-Trimethylbenzene	4.71	2.91	3.33	3.57	5.85
n-Decane	1.66	2.95	1.22	1.34	2.47
1,2,3-Trimethylbenzene	1.63	1.36	1.11	1.12	3.02
n-Dodecane	1.26	1.33	1.30	0.06	2.37
p-Dimethylbenzene	1.47	1.34	1.54	0.63	2.13
1-Undecane	1.57	2.94	4.60	3.05	4.02
n-Undecane	3.17	7.10	2.15	3.16	5.86
1-Decatene	1.53	1.14	2.16	1.40	1.46
n-Dodecene	5.96	7.17	6.96	4.04	4.98
1-Tridecane	0.45	0.22	0.55	0.34	0.50
n-Tridecane	4.33	2.99	3.34	2.27	2.57
THMOC (w/unknowns)	222.49	284.40	227.18	265.37	408.81
THMOC (specialized)	152.46	200.14	189.24	172.50	244.88

Definitions:  
 o - Octane  
 n - Nonane  
 p - Propylbenzene (not unassigned due to FID flame out)

**SNMOC REPORT**  
**SITE CODE: DLTX**  
AU concentrations reported in ppbC

Sample No.:	0766001	0777402	07888	07516	07924	07979
Sampling Date:	2022-06-06	2022-06-06	B2690	B27616	B26588	A2690
Analysts Date:	2019-06	2019-06	B24986	B24986	B23566	B23566
<b>Ethylene</b>	5.74	5.37	8.61	2.77	6.64	5.68
<b>Acetylbenzene</b>	13.13	11.47	15.58	0.19	16.40	6.36
<b>Propylbenzene</b>	2.89	2.42	3.31	4.35	3.64	3.64
<b>Propene</b>	7.41	8.46	11.35	4.30	9.13	4.44
<b>Propyne</b>	ND	ND	ND	ND	ND	ND
<b>Isobutane</b>	1.74	1.84	2.26	1.40	3.63	1.58
<b>Isobutylbenzene</b>	2.27	2.06	1.92	1.41	3.64	2.31
<b>1,3-Dimethylethane</b>	0.31	0.28	0.08	0.21	0.63	0.25
<b>1,3-Dimethylbenzene</b>	5.48	3.85	5.08	6.52	7.20	3.11
<b>1,3-Dimethylbutane</b>	6.13	0.41	0.08	0.77	ND	0.21
<b>cis-2-Butenene</b>	0.15	0.20	0.23	0.09	0.29	0.13
<b>trans-2-Butenene</b>	11.14	11.24	12.25	3.77	12.05	6.11
<b>3-Methyl-1-butene</b>	9.47	10.49	14.32	8.07	12.05	8.42
<b>Isobutane</b>	0.40	0.49	0.28	0.28	0.47	ND
<b>2-Methyl-1-butene</b>	0.68	0.58	0.74	1.45	ND	0.68
<b>1,3-Pentadiene</b>	5.37	5.37	9.94	4.71	7.35	5.02
<b>Isoprene</b>	0.29	0.39	0.38	0.35	1.32	0.68
<b>Isomer-2-Pentene</b>	11.70	0.71	0.72	3.47	0.89	0.73
<b>cis-2-Pentene</b>	0.26	0.37	0.20	0.20	ND	0.26
<b>2-Methyl-2-butene</b>	0.62	0.67	0.87	0.71	ND	0.67
<b>2,3-Dimethylbutane</b>	0.01	0.78	0.86	0.40	0.92	1.30
<b>Cyclopentene</b>	0.28	0.08	0.20	0.19	0.26	0.17
<b>4-Methyl-1-pentene</b>	0.22	0.45	0.48	0.17	0.24	0.21
<b>Cyclohexene</b>	0.30	0.58	0.72	0.41	0.74	0.42
<b>2,3-Dimethylcyclohexene</b>	1.10	0.74	1.56	0.71	1.42	0.64
<b>2-Methylcyclohexene</b>	4.62	4.11	13.89	2.32	11.19	4.84
<b>3-Methylcyclohexene</b>	3.07	2.87	6.01	2.24	3.63	2.71
<b>1-Hexane</b>	0.19	0.25	ND	ND	0.27	0.22
<b>2-Hexene-1-pentene</b>	0.22	0.20	0.47	1.39	0.17	0.16
<b>2-Ethyl-1-butene</b>	ND	ND	ND	ND	ND	ND
<b>1-Hexene</b>	5.13	4.41	4.63	2.97	4.65	3.32
<b>trans-2-Hexene</b>	0.31	0.28	0.24	1.15	1.34	0.30
<b>cis-2-Hexene</b>	0.08	0.08	0.09	0.10	0.30	0.13
<b>Methylcyclohexene</b>	1.92	1.75	2.70	1.41	2.54	1.82
<b>2,4-Dimethylpentane</b>	0.71	0.69	1.10	0.52	0.84	0.40
<b>2-Ethylbenzene</b>	3.62	1.29	5.57	2.36	2.16	3.41
<b>Cyclohexane</b>	0.46	0.46	0.72	1.46	0.90	0.54
<b>2-Methylhexane</b>	2.28	2.34	2.58	1.37	2.57	2.31
<b>2,3-Dimethylpentane</b>	0.90	0.87	1.01	0.65	0.53	0.95
<b>3-Methylheptane</b>	2.71	2.28	4.72	2.07	3.97	4.42
<b>1-Heptane</b>	0.49	0.43	0.81	0.44	0.69	0.43
<b>2,2,4-Trimethylpentane</b>	2.91	2.76	4.47	2.02	3.64	2.62
<b>n-Heptane</b>	1.91	1.72	2.54	1.22	2.76	5.00

**SHMMOC REPORT**  
**SITE CODE: DLIX**  
All concentrations reported in ppbC

Sample No.:	0766001	076702	07689	07698	07704	07779
Sampling Date:	8/23/98	8/23/98	8/28/98	8/27/98	8/28/98	8/28/98
Analytic Date:	8/19/98	8/19/98	8/24/98	8/24/98	8/24/98	8/24/98
Methylnaphthalene	1.59	1.43	1.26	1.19	1.30	1.72
2,2,3-Trimethylpentane	0.91	0.53	1.10	0.39	0.96	0.61
2,3,4-Trimethylpentane	1.17	1.02	1.43	0.70	1.29	0.89
Toluene	13.55	12.45	17.82	0.60	15.55	11.02
2-Methylpropane	0.93	2.05	1.03	0.43	0.91	2.17
3-Methylheptane	0.86	2.11	1.23	0.50	1.90	0.63
1-Octene	1.49	0.49	0.55	0.42	0.42	0.24
n-Octane	1.38	1.34	1.22	1.46	0.84	0.72
Ethylbenzene	2.43	2.47	3.27	1.25	3.38	1.86
m-Xyleno-Xyleno	8.67	8.05	10.0 <sup>a</sup>	4.44	12.28	8.51
Styrene	1.31	1.34	0.55	1.29	0.73	1.20
o-Xylene	3.49	3.29	3.88	1.56	4.08	2.32
t-Xylene	0.59	0.73	0.17	0.16	0.15	0.19
m-Nitroaniline	4.73	4.83	0.88	0.24	0.56	1.15
4-NitroxyBenzene	0.71	0.71	0.32	0.20	0.28	0.12
o-Pinene	4.27	3.45	2.70	0.56	1.11	0.90
n-Propylbenzene	1.66	1.04	1.06	0.47	0.86	0.65
m-Ethyltoluene	6.05	6.10	3.52	1.73	3.08	2.57
n-Ethylbenzene	3.65	2.96	1.69	0.75	1.44	1.24
1,3,5-Triisopropylbenzene	4.57	4.30	1.71	0.74	1.50	1.63
o-Ethyltoluene	2.13	2.27	1.53	0.88	1.41	0.99
t-Pentene	0.46	0.55	0.33	1.20	0.26	1.65
t-Decane	1.43	0.45	1.25	0.18	1.20	0.13
1,2,4-Triisopropylbenzene	9.84	9.77	5.36	2.58	4.08	3.84
n-Decane	6.28	6.59	1.96	0.94	1.44	1.59
1,2,3-Triisopropylbenzene	1.80	2.35	1.36	0.82	1.62	1.20
m-Diethylbenzene	1.05	1.32	0.65	0.48	0.84	0.60
o-Diethylbenzene	2.50	2.16	0.81	0.25	0.84	1.53
1-Undecene	2.73	0.67	1.80	1.53	1.22	1.71
n-Undecane	6.30	4.56	3.94	1.17	5.81	3.17
1-Dodecane	2.45	0.63	0.96	1.24	1.25	1.20
m-Dodecane	11.00	3.54	3.32	0.57	6.31	3.50
1-Tridecane	0.45	0.16	0.17	0.35	0.38	0.47
n-Tridecane	4.21	1.43	1.21	1.06	3.25	2.00
THMOC (w/unknown)	311.17	271.75	248.26	162.41	275.87	231.91
THMOC (spiked)	205.17	185.73	215.2 <sup>a</sup>	15.95	206.45	146.60

Footnotes:  
a - Compound not analyzed due to FID limits out.

**SNNOC REPORT**  
**SITE CODE: DLTX**

All concentrations reported in ppbC

Sample No.:	08010	08012	08080	08130	08145
Sampling Date:	8/23/95	8/23/95	8/23/95	8/4/95	8/5/95
Analysis Date:	9/27/95	9/27/95	9/24/95	9/3/95	9/3/95
Ethylene	7.94	4.61	12.18	9.81	12.20
Acetilene/Ethane	6.84	15.34	15.70	12.86	18.27
Propylene	4.87	2.15	8.49	17.35	31.78
Propane	9.29	12.50	14.48	12.51	19.93
Propyne	ND	ND	ND	ND	ND
Isobutene	4.66	2.57	2.73	>11	4.11
Isobutene/1-butene	2.50	1.87	4.82	3.90	6.20
ND	ND	ND	ND	ND	ND
1,3-Diisobutene	0.38	ND	ND	ND	ND
1-butene	8.76	6.21	5.83	12.20	12.05
trans-2-Butene	0.25	ND	0.73	0.25	1.18
cis-2-Butene	0.26	0.13	0.77	0.56	0.51
3-Methyl-1-butene	0.21	0.15	0.48	0.41	0.52
Isobutane	13.78	9.06	19.21	40.08	ND
Isopentane	0.33	ND	ND	ND	ND
1-Pentene	0.73	0.43	ND	ND	ND
2-Methyl-1-pentene	0.73	4.25	7.87	ND	ND
n-Pentane	7.58	0.53	0.97	>11	13.61
Isoprene	0.67	ND	ND	ND	ND
trans-2-Pentene	0.62	0.51	1.37	1.12	1.22
cis-2-Pentene	0.30	0.49	0.68	0.46	0.47
2,4-Dimethyl-2-butene	1.07	4.62	1.86	1.07	2.36
2,2-Dimethylbutane	0.77	0.60	1.14	2.21	1.82
Cyclopentane	0.37	0.08	0.41	1.61	0.53
4-Methyl-1-pentene	0.17	0.61	0.78	0.15	0.90
Cyclooctane	0.68	0.41	1.07	1.42	1.25
2,3-Dimethylbutane	1.98	0.89	2.15	2.19	2.73
2-Methylpentane	7.06	ND	8.74	>11	17.72
3-Methylpentane	4.10	2.70	5.82	6.51	8.18
1-Hexane	0.28	0.17	0.46	2.36	0.56
2-Methyl-1-pentene	0.23	0.18	0.35	0.52	0.72
2-Ethyl-1-hexene	ND	ND	ND	ND	ND
n-Hexane	5.86	2.65	7.13	11.42	9.82
trans-2-Hexene	0.47	0.11	0.53	0.30	0.86
cis-2-Hexene	0.21	0.06	0.39	0.49	0.41
Methylcyclopentane	2.42	1.34	3.16	4.17	4.61
2,4-Dimethylpentane	1.02	0.41	1.23	1.75	2.19
Denzene	6.59	3.98	3.60	16.43	ND
Cyclohexane	0.91	0.49	1.06	>11	1.41
2-Methylhexane	3.63	1.55	3.41	5.71	5.34
2,3-Dimethylpentane	1.16	0.39	1.45	2.35	1.86
3-Methylhexane	4.61	2.84	4.35	7.55	5.34
1-Heptane	0.88	0.49	1.44	2.54	1.54
2,2,4-Triisobutylpentane	3.43	2.31	5.57	2.11	11.37
1-Heptane	3.96	1.65	4.20	1.11	5.04

**SNMOC REPORT**  
**SITE CODE: DLTX**

All concentrations reported in ppbC

Sample No.:	08010	08012	08060	08130	08180
Sampling Date:	07/03/00	07/06/00	07/09/00	07/16/00	07/23/00
Analysis Date:	07/27/00	07/29/00	07/30/00	07/30/00	07/31/00
Methylcyclohexane	0.50	0.70	2.91	3.62	5.57
2,2,3-Trimethylpentane	1.32	0.55	2.03	3.54	2.50
2,3,4-Triethylbenzene	1.13	0.77	1.85	2.64	3.97
Toluene	24.55	4.87	211.52	32.59	35.15
2-Methylheptane	1.77	0.65	1.27	2.77	2.73
3-Methylheptene	1.78	0.70	1.00	2.45	2.91
1-Octene	0.55	0.26	0.71	1.14	1.22
n-Octane	2.30	0.78	1.20	3.35	3.52
Ethylbenzene	10.86	1.95	3.86	15.50	11.40
m-Xyleno-p-Xylene	39.90	4.77	13.59	44.38	35.82
Styrene	2.05	0.49	1.37	1.65	1.56
n-Xylene	12.85	1.66	4.99	14.93	12.98
t-Hexene	1.34	0.30	0.10	0.84	0.89
n-Nonane	4.49	0.90	0.53	4.70	2.73
Isopropylbenzene	0.61	0.17	0.39	0.74	1.70
o-Propylbenzene	1.69	1.49	1.44	3.80	1.96
n-Propylbenzene	2.38	0.53	1.46	1.12	3.02
m-Crotylbenzene	7.94	2.03	5.36	7.24	12.73
p-Ethyltoluene	1.32	0.99	2.46	4.15	6.94
1,3,5-Triethylbenzene	5.11	1.22	2.50	5.50	7.12
o-Ethyltoluene	2.11	1.25	1.64	2.03	5.44
t-Pentene	0.64	0.17	0.70	0.73	1.06
t-Decene	1.44	1.40	0.66	0.67	0.61
1,2,4-Trimethylbenzene	11.50	3.51	8.42	8.98	17.88
n-Decane	7.37	1.80	0.37	0.26	8.79
1,2,3-Triethylbenzene	3.43	1.46	2.46	6.42	6.63
m-Diethylbenzene	1.32	0.74	1.10	1.64	2.35
o-Diethylbenzene	1.27	0.61	1.18	1.21	3.68
1-Undecene	1.17	1.04	0.56	1.27	1.90
n-Dodecane	15.01	2.63	0.94	16.97	14.67
1-Dodecene	0.85	0.64	0.61	0.95	1.24
n-Dodecane	14.30	2.11	1.46	5.69	10.38
1-Tridecane	0.26	0.41	0.19	0.44	0.10
r-Tridecane	5.67	1.77	1.64	1.45	3.07
TNMOC (w/ unknowns)	451.91	205.40	766.42	134.67	586.98
TNMOC (6 peaks only)	323.23	132.21	255.05	32.49	440.56

Footnotes:

a - Compound not analyzed due to FID failure

b - Compound not analyzed due to sample matrix interference

755.49  
597.68

11-  
12

**SNMOC REPORT**  
**SITE CODE: DLTX**

All concentrations reported in ppbC

Sample No.:	08181	08197	08248	08311
Sampling Date:	9/9/96	9/10/96	9/12/96	9/16/96
Analysis Date:	10/9/96	10/11/96	10/16/96	10/16/96
Ethylene	11.39	20.43	29.16	17.74
Acetylene/Ethene	26.17	29.23	57.90	57.73
Propylene	18.52	12.46	44.52	16.95
Propane	27.76	20.47	30.59	29.53
Propyne	ND	ND	ND	ND
Isobutane	6.51	6.64	8.27	6.73
Isobutane/1-butene	5.46	8.84	10.96	11.56
1,3-butadiene	ND	ND	ND	ND
1-butene	18.76	14.44	16.26	14.91
1-butene-2-butene	0.72	1.27	1.64	2.02
1,5-hexene	0.37	0.85	1.08	1.06
1,4-Methyl-1-butene	0.53	0.80	0.40	1.04
2-butene	27.98	44.65	51.02	49.86
1-Pentane	0.95	2.67	1.31	7.94
2-Methyl-1-butene	1.47	2.10	3.39	2.54
1-Pentene	15.58	19.60	24.98	22.31
Isopentene	1.09	1.39	2.04	1.51
trans-2-Pentene	1.80	3.27	3.89	4.07
cis-2-Pentene	0.90	1.67	1.62	2.07
2-Methyl-2-butene	1.90	ND	5.05	5.05
2,2-Dimethylbutane	1.27	2.63	3.11	3.20
Cyclopentane	0.40	0.83	0.80	1.05
4-Methyl-1-pentene	0.35	1.17	1.75	1.40
Cyclopentene	1.32	2.23	2.76	2.27
2,3-Dimethylbutane	2.00	4.91	6.15	4.46
2-Methylpentane	13.94	36.99	45.07	45.24
3-Methylpentane	7.15	13.12	26.12	12.76
1-Hexane	0.55	1.11	0.52	1.12
2-Methyl-1-pentene	0.34	0.71	1.02	1.00
2-Ethyl-1-butene	NC	ND	ND	ND
1-Hexene	5.31	14.14	18.21	16.77
trans-2-Hexene	0.45	1.56	1.78	1.32
cis-2-Hexene	0.37	1.14	1.47	1.37
Methylcyclopentane	4.31	7.76	8.62	9.22
2,4-Dimethylpentane	1.76	2.67	4.12	3.25
Benzene	8.35	14.13	17.71	11.03
Cyclohexane	1.42	2.23	2.64	2.44
2-Methylenecyclohexane	4.77	7.47	9.38	8.21
2,3-Dimethylcyclohexane	2.20	2.11	4.14	2.75
3-Methylhexane	5.34	9.39	12.54	11.36
1-Heptene	1.63	2.31	2.35	2.02
2,2,4-Trimethylpentane	8.75	12.29	16.22	15.54
1-Hexyne	5.17	7.14	9.67	7.16

**SNMOC REPORT**  
**SITE CODE: DLTX**  
All concentrations reported in ppbC

Sample No.:	08181	08187	08249	08248	08263
Sampling Date:	07/08/00	07/08/00	07/19/00	07/20/00	07/20/00
Analysis Date:	10/08/00	10/08/00	11/11/00	10/10/00	10/10/00
Methylcyclohexane	4.02	4.01	1.82	5.77	7.15
2,2,3-Trimethylpentane	2.06	2.52	3.66	3.16	1.88
2,3,4-Trimethylpentane	3.84	4.06	5.84	4.75	0.20
1-Octene	28.04	31.47	63.35	61.20	0.53
2-Methylheptane	2.44	2.65	3.45	3.92	8.90
3-Methylheptane	2.23	2.87	4.06	4.25	0.60
1-Octene	1.10	1.27	1.82	1.76	0.26
n-Octane	2.91	3.83	3.83	4.03	0.14
Eugenol	7.35	6.12	11.58	18.43	0.83
n-Naphthalene	24.73	26.06	41.96	33.83	1.38
Isopropyl-Xylylene	2.15	2.15	2.45	3.00	4.97
Xylylene	8.76	9.97	14.27	21.90	0.26
1-Naphthalene	0.43	0.23	0.71	0.45	1.68
n-Naphthalene	2.35	2.30	4.34	5.22	0.13
Isopropylbenzene	0.33	0.56	1.33	1.82	0.61
m-Fenol	3.50	1.95	4.59	3.07	1.43
n-Fenol	2.13	2.51	4.01	5.74	1.54
m-Ethylbenzene	7.60	9.72	14.30	20.80	0.61
p-Ethylbenzene	3.45	4.84	7.63	8.93	1.88
1,3,5-Trimethylbenzene	4.12	5.24	8.45	11.95	0.13
n-Ethyltoluene	2.32	4.46	6.82	9.54	0.90
p-Phenol	1.04	1.74	2.74	2.23	0.19
1-Urethane	0.34	0.71	4.85	2.52	0.40
1,2,4-Trimethylbenzene	1.12	15.38	23.34	37.78	1.23
n-Decane	4.90	6.00	8.39	12.10	2.57
1,2,3-Trimethylbenzene	2.37	4.46	6.09	8.28	0.92
m-Diisobutylene	2.64	2.47	5.62	3.66	0.67
p-Diisobutylene	1.84	2.15	4.30	4.05	0.68
1-Undecene	1.54	1.30	1.50	1.17	0.87
n-Undecane	11.88	6.60	6.84	8.57	1.38
1-Dodecene	1.94	1.89	2.06	0.88	2.40
n-Dodecane	23.84	5.78	3.40	4.45	1.23
1-Tridecene	0.20	0.11	0.17	0.30	2.88
n-Tridecane	44.85	2.21	0.93	2.73	0.20
TMAOC (by Unknown)	601.24	708.42	802.95	652.12	740.51
TMAOC (Specified)	444.84	528.94	747.35	764.23	646.40

Foulness:  
a - Compound not analyzed due to FID failure

**SNMOC REPORT**  
**SITE CODE: DLTX**  
All concentrations reported in ppbC

Sample No.	0812402	08134	08153	08340
Sampling Date:	05/17/96	01/18/96	01/19/96	01/20/96
Analysis Date:	10/15/96	10/15/96	10/15/96	10/17/96
Substance				
Acetylacetone	6.35	5.20	5.83	6.14
Propane	12.64	8.77	13.51	17.16
Propane	2.17	2.74	3.00	3.85
Propene	11.84	10.12	14.69	1.65
Propene	ND	ND	ND	ND
Isobutane	2.69	2.41	5.63	2.71
Isobutylidenecarbonyl	2.10	2.73	1.96	2.11
1,3-Dimethylbutane	ND	0.44	0.19	ND
m-Benzoic acid	5.58	0.35	10.50	11.10
trans-2-Butene	0.46	0.21	ND	ND
cis-2-Butene	0.18	0.21	0.15	ND
3-Methyl-1-butene	0.16	0.20	0.27	1.60
Isobutene	10.73	10.86	12.21	ND
1-Pentene	0.14	0.46	1.19	0.48
2-Methyl-1-hexene	0.54	ND	ND	ND
n-Pentane	5.74	4.85	4	ND
Propene	0.30	11.32	0.10	0.11
trans-2-Pentene	0.65	0.50	0.43	ND
cis-2-Pentene	0.34	0.34	0.23	ND
2-Methyl-2-hexene	0.61	0.74	0.55	0.58
2,2-Dimethylbutane	0.64	0.69	0.70	1.11
Cyclopentanone	ND	0.11	0.06	0.21
4-Methyl-1-pentene	ND	0.06	0.46	0.41
Cyclopentane	ND	0.58	0.55	0.22
2,3-Dimethylbutane	1.31	1.11	1.14	1.00
2-Methylpentane	5.79	6.41	8.54	4.86
3-Methylpentane	3.64	3.35	3.15	2.86
1-Hexene	0.23	0.22	ND	ND
2-Methyl-1-pentene	0.16	0.22	0.39	0.16
2-Ethyl-1-butene	ND	ND	ND	ND
n-Hexane	4.23	4.45	4.08	4.42
trans-2-Heptene	0.37	1.94	2.19	0.22
cis-2-Heptene	0.05	0.25	0.05	0.39
Methylcyclohexene	2.34	2.16	1.86	1.77
2,4-Dimethylpentane	0.81	0.50	0.55	0.55
Benzene	4.36	4.49	4.19	6.26
Cyclohexane	0.63	1.64	0.81	0.71
2-Naphthalene	2.10	2.45	2.04	2.10
2,3-Dimethylpentane	3.64	3.14	1.05	0.92
3-Methylhexane	4.45	2.95	2.38	2.98
1-Hexene	1.90	1.90	0.72	0.46
2,2,4-Trimethylpentane	3.33	3.24	2.47	2.57
n-Hopane	2.79	2.73	0.13	2.04

**SNMOC REPORT**  
**SITE CODE: DLIX**  
**All concentrations reported in ppbC**

Sample No.	08323D1	08324D2	08353
Sampling Date:	01/17/98	01/17/98	01/18/98
Analytical Date:	10/19/98	10/19/98	10/19/98
Methylcyclohexane	1.25	1.39	1.39
2,2,3-Trimethylbenzene	1.17	0.61	0.55
2,3,4-Trimethylbenzene	1.07	1.16	1.00
Toluene	15.81	17.30	7.05
2-Methylheptane	0.85	0.81	0.74
3-Methylheptane	0.78	0.62	0.60
1-Octene	0.48	0.44	0.27
n-Octane	0.94	1.10	1.05
Ethylbenzene	2.16	2.39	1.30
m-Xylenyl-Xylyne	1.22	7.87	4.43
Ethylene	1.03	1.13	0.38
n-Xylyne	2.72	2.93	1.73
1-Acetene	0.34	0.27	0.12
n-Hexane	3.36	3.06	0.55
Isopropylbenzenes	0.26	0.54	0.08
n-Fluorobenzene	2.68	2.26	1.43
n-Propylbenzene	0.75	1.49	0.29
m-Ethylbenzene	4.03	5.30	1.82
p-Ethylbenzene	2.51	2.73	1.03
1,3,5-Trimethylbenzene	3.48	3.92	0.94
o-Ethyltoluene	3.00	2.77	0.82
p-Ethyltoluene	1.90	1.22	1.28
1-Decene	n.d.	n.d.	n.d.
1,2,4-Trimethylbenzene	8.40	8.38	2.71
n-Decane	5.14	5.61	1.29
1,2,3-Trimethylbenzene	2.44	2.49	0.63
m-Diethylbenzene	0.91	1.03	0.48
p-Diethylbenzene	1.02	1.16	0.40
1-Unocane	1.57	1.07	1.80
n-Unocane	2.20	1.67	2.31
1-Dodecane	1.21	0.76	1.16
n-Dodecane	1.51	0.23	2.67
1-Tridecane	0.46	0.22	0.31
n-Tridecane	1.84	0.04	1.18
TNmOC (per unknown)	295.30	279.66	202.50
TNmOC (spiked)	132.17	201.03	157.17
Footnotes			
1 - Compound not bracketed due to FID flame-out			

**SNMOC REPORT**  
**SITE CODE: PLTX**  
All concentrations reported in ppbC

Sample No.	0844D	0844D1	0844D2	0845B
Sampling Date:	6/25/96	9/26/95	9/27/96	8/27/96
Analysis Date:	10/22/96	10/23/96	10/23/96	10/24/96
Ethylene	6.17	7.92	3.15	2.67
Acetylbenzene	6.13	4.41	2.01	4.13
Propylene	3.30	2.28	3.06	1.63
Propane	10.94	3.68	2.91	3.08
Propyne	ND	ND	ND	ND
Isobutane	1.10	0.59	1.54	1.30
Isobutene/1-butene	2.69	1.07	0.66	2.06
1,3-Butadiene	0.28	ND	ND	ND
n-butane	8.65	4.56	5.51	5.51
trans-2-butene	0.21	0.12	ND	ND
cis-2-butene	0.23	0.16	ND	ND
3-Methyl-1-butene	0.13	0.16	ND	ND
Isopentane	13.40	4.79	4.47	6.39
1-Pentene	ND	0.07	0.12	0.06
2-Methyl-1-butene	6.52	0.19	0.17	0.30
n-Pentane	8.48	2.32	2.45	3.61
Isopropene	0.21	0.39	0.19	0.10
trans-2-Pentene	0.86	0.27	0.33	0.26
cis-2-Pentene	0.12	0.19	0.18	0.14
2-Hexyl-2-butene	ND	ND	0.41	0.26
2,2-Dimethylbutane	0.82	0.26	0.26	0.16
Cyclopentane	0.21	0.04	0.07	0.17
4-Methyl-1-pentene	NC	0.03	0.06	0.02
Cyclohexane	ND	0.20	0.27	0.36
2,3-Dimethylbutane	1.00	0.47	0.42	0.48
2-Methylpentane	10.18	1.91	1.86	1.05
3-Methylhexane	3.81	1.04	ND	1.49
1-Hexene	1.20	1.94	ND	ND
2-Methyl-1-pentene	6.20	0.30	ND	0.14
2-Cyclohexene	1.56	0.41	ND	ND
n-Hexane	4.46	1.69	1.72	2.14
trans-2-Hexene	6.20	1.16	0.69	0.18
cis-2-Hexene	0.72	0.05	0.09	0.16
Methylcyclohexene	1.90	0.53	0.91	0.97
2,4-Dimethylpentane	0.74	1.23	1.31	0.30
Heptane	4.95	1.90	2.65	2.28
Cyclohexene	0.59	1.02	0.45	0.42
2-Methylpropane	2.38	0.06	0.85	0.30
2,3-Dimethylpentane	0.65	0.22	0.34	0.50
3-Methylhexane	1.56	1.24	1.60	1.52
2-Heptene	0.87	0.21	0.25	0.35
2,2,4-Trimethylpentane	3.45	1.25	1.21	1.62
n-Hexane	4.41	0.77	0.82	1.01

**SNMOC REPORT**  
**SITE CODE: DLTX**

All concentrations reported in ppbc

Sample No.:	08440	08481D1	08508
Sampling Date:	9/25/96	9/28/96	9/27/96
Analysis Date:	10/22/96	10/23/96	10/24/96
Methylcyclohexane	1.36	0.68	0.62
2,3,5-Trimethylpentane	0.70	0.31	0.39
2,3,4-Trimethylpentane	1.15	0.53	1.34
Toluene	13.25	1.39	1.50
2-Methylheptane	0.69	0.46	0.51
3-Methylheptane	1.63	0.12	0.14
1-Octene	0.49	0.19	0.15
n-Octane	0.95	0.26	0.22
Ethylbenzene	2.16	0.74	0.04
n-Propylbenzene	7.61	1.45	1.92
Styrene	0.77	1.22	0.79
o-Xylene	2.63	0.92	0.80
t-Nonane	ND	0.13	1.59
n-Hexadecane	1.16	0.19	0.75
Isopropylbenzene	0.20	0.14	0.06
m-Pentane	1.31	0.23	0.50
n-Propylbenzene	0.70	0.31	0.26
n-Ethylbenzene	2.55	3.00	0.67
p-Ethylbenzene	1.54	0.61	0.57
1,3,5-Trimethylbenzene	1.67	0.36	0.46
o-Biphenyl	1.33	0.29	0.31
o-Pinene	0.26	1.70	0.91
1-Decene	0.59	0.06	0.06
1,2,4,5-Tetramethylbenzene	4.26	1.06	1.14
n-Decane	2.05	0.77	0.35
1,2,3-Trimethylbenzene	1.11	0.50	0.67
m-Diethylbenzene	0.61	0.22	ND
n-Diethylbenzene	0.65	0.08	0.38
1-Undecene	0.92	2.97	0.93
n-1-Decane	3.17	7.44	1.19
1-Dodecane	1.93	2.15	0.86
n-Dodecane	3.45	12.68	1.60
1-Tridecane	1.16	1.67	0.55
n-Tridecane	2.17	3.46	0.75
			13.86
SNMOC (not unknown)	253.03	150.62	127.78
SNMOC (detected):	118.03	56.45	65.88

Footnotes:

a - Compound not analyzed due to TIC flame cell

**SNMOC REPORT  
SITE CODE: JUNX**

**All concentrations reported in ppbC**

Sample No.:	06202	06305	06562	06567
Bumping Date:	06/05/06	07/05/06	07/10/06	07/14/06
Analysis Date:	7/15/06	7/10/06	7/13/06	7/17/06
Ethylene	15.13	3.44	70.02	20.47
Acetylene/Ethane	30.33	13.26	17.03	53.16
Propylene	22.12	5.73	41.37	37.80
Propene	40.86	13.54	40.08	104.03
Propane	ND	1.0	0.32	0.48
Isobutane	6.16	2.92	5.50	9.65
Isobutylidene/butene	7.70	2.51	14.77	11.03
1,3-Bisadiphenylpropane	ND	ND	0.59	0.76
Phenolene	20.04	0.54	15.64	23.53
trans-2-Butene	1.18	0.13	0.23	0.36
cis-2-Butene	1.20	0.40	0.67	0.93
trans-1-butene	1.08	0.30	0.68	1.21
Isopentane	30.59	10.89	ND	ND
Isopentene	2.56	0.69	0.78	2.13
2-Methyl-1-butene	2.75	0.77	2.46	2.47
iso-Pentane	15.06	8.10	6.50	20.82
Heptane	3.27	1.24	0.51	0.49
trans-2-Pentene	9.02	0.88	1.64	2.06
cis-2-Pentene	1.63	0.40	0.87	1.48
2-Methyl-2-butene	3.30	0.69	1.73	1.95
2,2-Dimethylbutane	0.73	0.38	0.88	1.17
Cyclopentene	0.75	ND	0.23	0.25
4-Methyl-1-pentene	0.34	0.14	ND	0.50
Cyclohexane	1.88	0.45	0.61	2.05
2,3-Dimethylbutane	5.03	1.22	1.86	4.81
2-Methylpentane	14.32	3.17	6.62	15.67
3-Methylpentane	8.18	2.65	4.42	10.13
1-Hexene	ND	ND	ND	ND
2-Methyl-1-pentene	1.51	0.77	1.07	1.38
2-Ethyl-1-hexene	ND	ND	0.30	0.56
N-Hexane	19.67	2.15	5.51	12.55
trans-2-Hexene	0.85	0.26	0.44	0.50
cis-2-Hexene	0.59	0.11	0.52	0.74
Methylcyclopentane	8.58	2.63	3.77	6.67
2,4-Dimethylpentane	5.10	1.46	2.94	5.20
Benzene	14.10	3.27	8.84	19.90
Cyclohexane	3.85	1.35	1.65	2.98
1,2-Dimethylbenzene	5.23	1.67	2.87	4.93
2,3-Dimethylbenzene	8.95	2.24	5.12	6.83
3-Methylbenzene	7.58	5.54	6.14	8.79
1-Hexane	1.82	0.64	0.97	1.44
2,2,4-Trimethylpentane	12.32	3.34	6.86	14.71
1-Hexene	3.52	1.24	2.10	4.10
Methylcyclohexane	2.91	1.18	1.49	2.67

## SNMOC REPORT

SITE CODE: JUMX

All concentrations reported in ppbC

Sample No.:	06202	08307	06305	06367
Bumping Date:	5/6/96	6/7/96	6/10/96	5/14/96
Analysis Date:	7/3/96	7/5/96	7/10/96	7/14/96
2,4,3-Tidemethylbenzene	2.38	0.47	1.24	2.28
2,3,4-Tidemethylbenzene	4.96	1.49	3.61	4.32
Toluene	107.52	53.06	109.14	144.23
2-Methylheptane	1.34	0.56	1.21	0.86
1-Octane	1.20	0.46	0.57	0.18
3-Methylheptane	1.20	0.30	0.79	1.84
n-Octane	1.62	0.85	1.26	2.07
Ethylbenzene	0.91	0.67	4.29	17.61
m-Xylene/p-Xylene	56.75	15.10	14.63	76.30
Ethrene	4.64	5.96	3.18	7.75
o-Xylene	24.12	6.94	6.56	23.88
1-Nonene	ND	ND	ND	ND
n-Heptane	2.27	1.34	2.51	2.91
Isopropylbenzene	1.07	0.31	0.60	0.41
n-Pinene	2.36	2.11	1.68	8.71
n-P-menthene	1.94	1.30	1.62	3.70
m-Ethylbenzene	5.45	2.31	4.32	7.40
p-Ethylbenzene	2.50	1.34	2.61	4.33
1,1,5-Timethylbenzene	2.34	2.28	3.00	4.08
o-Ethyltoluene	2.62	1.58	3.90	4.11
b-Pinene	1.66	0.14	4.67	5.18
1-Decane	ND	10.83	23.38	19.40
1,2,4-Timethylbenzene	11.26	4.60	6.54	13.35
n-Decane	6.69	5.00	7.86	8.15
1,2,3-Timethylbenzene	2.27	1.87	1.47	4.85
m-Pentylbenzene	1.39	1.52	2.72	4.11
p-Oxidylbenzene	0.76	1.77	2.13	4.73
1-Hexene	6.49	4.91	0.85	11.82
n-Undecane	13.96	33.93	7.55	6.39
1-Dodecane	65.2	54.39	85.19	77.47
m-Dodecane	23.97	23.97	10.71	16.51
1-Tridecane	0.61	ND	1.48	6.51
n-Tridecane	6.76	1.75	0.92	7.59

- TNMOC (n unknown);  
 - TNMOC (spackled)  
 Footnotes:  
 a - Compounds not analyzed due to FID flame out

06369  
 61796  
 71496

06367  
 51498  
 71496

378.50  
 269.86  
 391.29

**SNMOC REPORT**  
**SITE CODE: JUMX**  
All concentrations reported in ppbC

Sample No.:	06363	05537	06473	06530	06534
Sampling Date:	6/18/96	6/19/96	6/21/96	6/21/96	6/24/96
Analyte Date:	7/16/96	7/16/96	7/16/96	7/19/96	7/24/96
Ethylene	21.22	5.37	7.27	26.81	5.04
Acetylene/Ethane	45.41	0.95	15.41	68.97	10.63
Propene	37.97	30.10	0.59	56.90	45.31
Propane	60.89	23.25	21.73	166.27	83.10
Propyne	0.39	HD	ND	1.23	0.32
Isobutene	8.77	2.20	0.45	19.47	47.74
Isobutene/1-butene	7.46	4.02	4.25	12.87	7.75
1,3-Buadiene	ND	ND	ND	3.74	4.28
n Butane	21.16	11.07	8.94	66.04	3.32
trans-2-Butene	ND	6.13	ND	3.56	22.05
cis-2-Butene	0.60	ND	ND	2.32	0.23
3-Methyl-1-butene	0.54	ND	ND	1.44	0.37
Isopentane	32.60	9.31	13.54	76.18	ND
1-Pentene	0.63	0.29	0.35	4.57	1.10
2-Methyl-1-Pentene	1.74	0.47	0.38	6.48	1.30
n-Pentane	19.19	8.27	21.87	55.15	107.21
Isobutane	0.92	0.21	0.18	3.07	1.57
trans-2-Pentene	2.65	0.76	1.11	8.52	1.18
cis-2-Pentene	1.54	<0.5	0.47	4.59	0.37
2-Methyl-2-butene	3.43	0.53	0.69	10.57	1.42
2,2-Dimethylbutane	0.81	ND	0.44	2.52	0.74
Cyclopentene	1.27	ND	ND	2.41	0.54
4-Methyl-1-pentene	0.56	0.65	ND	2.80	0.67
Cyclopentane	1.91	<1	ND	4.99	1.63
2,3-Dimethylbutane	4.53	1.30	ND	11.55	2.93
2-Hexylpentane	14.09	4.22	5.60	36.46	9.28
3-Hexylpentane	0.65	2.62	0.30	30.58	6.45
1-Hexene	ND	ND	ND	0.40	ND
2-Methyl-1-pentene	ND	ND	ND	4.74	1.05
2-Ethyl-1-butene	ND	ND	ND	0.00	ND
n-Hexane	13.26	5.42	5.39	34.58	7.36
trans-2-Hexene	1.26	0.21	0.41	4.02	0.67
cis-2-Hexene	0.86	<2	1.82	2.37	0.29
3-Ethylcyclopentane	8.58	2.25	2.65	20.13	3.97
2,4-Dimethylpentane	5.03	1.74	1.61	2.76	2.62
Heptane	17.30	ND	ND	43.72	10.19
Cyclohexane	3.81	1.19	1.70	8.25	4.00
1,2-Dimethylcyclohexane	ND	1.96	2.66	14.45	3.72
2,3-Dimethylpentane	4.75	2.11	2.45	20.40	5.28
3-Methylhexane	6.75	1.56	3.42	16.92	0.12
1-Hexene	1.54	0.73	0.69	5.35	0.83
2,2,4-Trimethylpentane	12.97	4.40	4.49	28.02	1.50
n-Hexane	3.99	1.61	3.40	12.31	5.70
Methylcyclohexane	1.87	<1	3.03	20.15	6.76

**SNMOC REPORT**  
**SITE CODE: JUMX**  
**All concentrations reported in ppbC**

SITE CODE: JUNX

All concentrations reported in parentheses

**SNMOC REPORT**  
**SITE CODE: JUNX**  
**All concentrations reported in ppbC**

Sample No:	06827	06826	06825
Sampling Date:	6/26/96	6/27/96	6/28/96
Analysis Date:	7/25/96	7/25/96	7/26/96
<b>Ethylene</b>	1.17	1.19	2.30
<b>Acetylene/Ethene</b>	8.17	2.28	4.15
<b>Propene</b>	0.27	4.57	1.40
<b>Propane</b>	5.21	5.56	3.47
<b>Isobutane</b>	D 84	ND	ND
<b>Isobutene</b>	1.29	0.86	0.56
<b>Isobutene/1-butene</b>	2.44	2.82	1.65
<b>1,3 Butadiene</b>	ND	0.27	0.25
<b>n-butane</b>	2.91	1.71	1.29
<b>trans-2-butene</b>	ND	C 13	0.06
<b>cis-2-butene</b>	ND	C 29	0.07
<b>3-Methyl-1-butene</b>	ND	K 7	0.12
<b>Isopentane</b>	ND	12.03	2.25
<b>1-Pentene</b>	ND	ND	2.08
<b>2-Methyl-1-butene</b>	0.42	ND	0.21
<b>n-Pentane</b>	2.20	1.33	1.40
<b>Isopentene</b>	ND	0.10	0.07
<b>Isotoluene</b>	D 17	0.22	0.34
<b>cis-2-Pentene</b>	0.37	C 35	0.43
<b>2-Methyl-2-butene</b>	ND	C 26	C 34
<b>2,2-Dimethylbutane</b>	ND	ND	C 46
<b>Cyclopentane</b>	ND	ND	ND
<b>4-Methyl-1-pentene</b>	ND	ND	ND
<b>Cyclopentene</b>	ND	ND	ND
<b>2,3-Dimethylbutene</b>	ND	ND	ND
<b>2-Methylpentane</b>	ND	ND	ND
<b>3-Methylpentane</b>	0.71	0.64	0.61
<b>1-Hexene</b>	ND	ND	ND
<b>2-Methyl-1-hexene</b>	0.15	0.11	0.17
<b>2-Ethyl-1-butene</b>	ND	ND	ND
<b>Phenene</b>	1.03	1.33	1.01
<b>trans-2-Meocresol</b>	ND	0.93	ND
<b>cis-2-Hexene</b>	ND	C 13	ND
<b>Methylcyclohexene</b>	0.59	0.72	0.77
<b>2,4-Dimethylpentane</b>	D 18	3.41	4.50
<b>Benzene</b>	1.60	1.76	1.80
<b>Cyclohexane</b>	0.47	C 40	0.43
<b>2-Methylhexane</b>	0.61	C 47	0.48
<b>2,3-Dimethylpentane</b>	0.23	C 21	C 63
<b>3-Methylhexane</b>	1.14	2.63	0.90
<b>t-Hexane</b>	0.47	C 37	0.23
<b>2,2,4-Trimethylpentane</b>	C 43	1.61	1.29
<b>n-Hipane</b>	0.50	C 38	0.74
<b>Methylcyclohexane</b>	0.73	ND	0.23

**SNMOC REPORT**  
**SITE CODE: JUMX**  
All concentrations reported in ppbC

Bottle No.:	068027	066255	0664302
Sampling Date:	8/26/96	6/27/96	7/14/96
Analyte Date:	Y/23/96	7/25/96	7/26/96
2,2,3-Tributylpentane	ND	0.19	0.15
2,3,4-Tributylpentane	0.22	0.50	0.44
Toluene	33.02	21.84	6.32
2-Methylheptane	0.60	0.19	ND
1-Octene	0.12	0.10	ND
3-Methylheptanone	2.12	1.44	0.72
n-Octane	0.54	0.70	0.20
Ethylbenzene	0.80	1.37	0.27
methylbenzyl(p-X)formate	2.61	4.36	0.12
Silylène	1.80	0.78	2.70
o-Xylene	0.91	1.26	0.49
1-Hexene	0.23	1.45	2.24
n-Hexane	0.66	1.61	ND
Isopropylbenzene	ND	0.67	0.14
4-Pentene	1.86	2.34	0.56
m-Propylbenzene	ND	1.36	0.61
m-Ethyltoluene	0.86	1.85	0.89
p-Ethyltoluene	0.49	0.76	0.35
1,3,5-Triisobutylbenzene	0.79	1.10	0.54
o-Ethyltoluene	1.54	1.03	0.61
3-Pentene	4.63	1.75	0.81
1-Decene	ND	2.63	1.14
1,2,4-Trimethylbenzene	7.22	7.45	3.51
n-Decane	3.99	1.79	0.68
1,2,3-Trimethylbenzene	1.43	2.06	10.19
m-Diethylbenzene	0.44	1.08	0.63
n-Dimethylbenzene	0.60	0.91	0.76
1-Undecane	4.59	3.97	5.73
n-Undecane	19.12	4.57	2.46
1-Dodecane	66.69	60.47	35.19
n-Dodecane	40.84	7.29	4.52
1-Tridecane	3.43	0.58	1.03
n-Tridecane	20.16	24.29	1.47
THMOC (w/o Undecane)	273.75	214.00	268.46
THMOC (specified)	205.16	201.67	116.30

\* - Compound not analyzed due to FID failure and  
# - Compound not analyzed due to FID failure and

479.75 410.00  
304.02 299.94

**SNMOC REPORT**  
**SITE CODE: JUMX**  
All concentrations reported in ppbC

	Sample No.:	00445	00460	00849	00842	00882
	Sampling Date:	7/19/96	7/19/96	7/25/96	7/25/96	7/10/96
	Analytic Date:	7/21/96	7/21/96	7/23/96	7/23/96	8/1/96
Ethane*		1.05	1.51	3.61	3.60	5.71
Acetylbenzene		4.33	7.66	6.14	10.00	10.80
Propylene		1.92	1.26	4.17	3.29	12.45
Propane		4.68	14.90	39.83	16.62	21.09
Propene		ND	ND	ND	ND	ND
Isobutane		0.65	1.28	1.75	2.54	2.37
Isopentenyl-butenone		1.78	2.07	2.17	ND	1.14
1,3-Butadiene		ND	ND	ND	ND	ND
Isobutene		1.63	4.16	5.76	5.71	2.37
trans-2-Butenone		ND	0.00	ND	0.11	ND
cis-2-Butenone		ND	0.02	ND	0.10	0.20
3-Methyl-1-Pentene		ND	3.05	ND	0.12	ND
Isopentane		1.87	2.73	4.33	7.88	8.61
1-Pentane		0.10	ND	0.20	0.61	3.41
2-Methyl-1-Pentene		0.08	ND	1.31	0.49	0.41
Phenol		2.29	ND	3.45	4.22	ND
Biphenol		ND	ND	ND	ND	ND
trans-2-Pentene		0.20	0.15	0.44	0.66	0.72
cis-2-Pentene		0.07	0.06	0.21	0.35	0.34
2,4-Dimethyl-2-Pentene		0.08	2.36	0.28	0.56	1.76
2,2-Dimethylbutane		ND	0.07	ND	0.10	0.31
Cyclohexane		0.23	ND	0.24	0.15	ND
4-Methyl-1-pentene		0.20	0.23	0.07	0.60	0.19
Cyclohexene		0.38	0.14	0.29	0.45	0.53
2,3-Dimethylbutane		0.66	0.36	0.69	0.90	1.12
2-Methylpentane		3.20	1.79	1.93	2.04	4.15
3-Methylpentane		0.45	0.79	1.63	2.51	1.56
1-Hexane		ND	ND	ND	ND	ND
2-Ethyl-1-Pentene		0.23	0.20	0.34	0.35	0.62
2-Ethyl-1-Butene		ND	ND	ND	ND	ND
n-Hexane		0.75	1.16	2.04	2.67	3.67
Methyl-2-Hexene		0.07	ND	0.07	0.18	0.23
cis-2-Hexene		0.06	ND	0.09	0.05	0.12
Methylcyclopentane		0.48	0.82	1.32	1.56	2.20
2,4-Dimethylpentane		0.23	1.71	0.67	1.00	1.25
Benzene		1.30	1.25	3.40	4.34	5.89
Cyclohexene		0.22	0.35	0.54	0.74	1.05
2-Methylhexane		0.72	2.45	1.03	0.98	1.84
2,3-Dimethylpentane		0.46	0.44	1.22	1.21	1.97
2-Methylhexane		2.31	2.33	2.64	2.50	3.04
1-Hexene		0.10	0.16	0.41	0.43	0.80
2,2,4-Trimethylpentane		0.71	1.74	1.98	2.61	3.50
n-Heptane		0.39	0.39	1.61	1.36	1.40

## SNMOC REPORT

SITE CODE: JMWX

All concentrations reported in ppbC

Sample No.:	06845	06850	06849	06842	06852	06840
Sampling Date:	7/20/96	7/24/96	7/20/96	7/20/96	7/20/96	7/19/96
Analyte Order:	7/21/96	7/21/96	7/21/96	7/21/96	8/1/96	8/2/96
<b>Methane</b>						
2,2,3-Trimethylpentane	0.19	0.22	0.47	0.19	0.75	0.16
2,3,4-Triethylpentane	0.40	0.20	1.63	0.61	1.48	0.37
Toluene	27.05	27.15	32.62	38.61	47.49	26.46
2-Methylheptane	7.43	6.18	1.12	0.43	1.91	0.14
3-Methylheptane	0.08	0.04	1.45	0.58	0.67	1.02
1-Octene	0.09	0.27	2.76	0.27	0.74	0.24
n-Octane	0.29	0.47	0.85	1.11	0.84	0.40
Ethylbenzene	0.63	1.22	3.00	3.09	4.36	0.95
m-Xylenes/p-Xylene	2.68	4.71	12.61	10.63	15.12	2.56
Styrene	1.52	0.49	1.79	0.65	3.04	0.54
o-Xylene	1.52	1.41	3.21	3.32	5.36	1.30
t-Xylene	0.17	0.39	0.28	0.26	2.05	0.41
n-Nonalane	0.53	0.02	0.90	1.31	1.06	0.59
Decaglycidobutane	ND	ND	0.14	0.14	0.19	0.07
o-Phenone	0.05	1.69	0.32	0.71	1.15	1.84
n-Pentylbenzene	0.28	0.27	1.11	1.25	1.66	0.95
m-Ethyltoluene	0.63	0.63	1.70	1.72	2.07	1.20
p-Ethyltoluene	0.41	0.47	0.71	0.67	1.31	0.58
1,2,5-Triethylbenzene	0.56	0.59	0.91	1.21	1.60	0.49
o-Ethyltoluene	0.27	1.02	0.23	1.14	1.70	1.45
o-Hexane	1.65	1.35	1.70	2.02	2.04	1.52
1-Decane	2.06	2.44	1.35	1.96	1.56	2.45
1,2,4-Triethylbenzene	0.06	5.04	9.72	7.79	10.06	6.99
o-Decane	2.46	2.59	2.25	3.04	3.75	3.15
1,2,3-Triethylbenzene	0.58	0.17	1.19	0.51	1.81	0.24
m-Diethylbenzene	0.24	0.61	0.40	0.98	0.60	0.89
p-Diethylbenzene	0.78	1.05	0.59	0.96	1.76	1.02
1-Undecene	2.78	3.83	2.64	2.21	3.00	4.69
n-Undecane	4.51	5.04	5.21	4.23	6.59	3.24
1-Dodecene	64.75	42.10	44.39	45.18	52.54	56.87
n-Dodecane	5.14	6.18	6.14	4.16	5.64	3.60
1-Tridecene	2.47	1.79	ND	1.12	2.25	2.04
n-Tridecane	1.55	2.24	3.72	1.47	2.20	1.80
THMOC (w/Unknown)	271.62	263.07	352.72	228.11	464.70	244.36
THMOC (Specified)	161.45	165.75	294.25	215.62	310.37	177.95

Footnotes:  
 ■ - Compound not analyzed due to FID limits w/

## SNMOC REPORT

SITE CODE: JUMX

All concentrations reported in ppbC

Sample No.:	06993	07001	06990D1
Sampling Date:	7/16/96	7/16/96	7/17/96
Analyte Date:	6/12/96	6/13/96	6/15/96
Ethylene	5.77	5.08	11.00
Acetylene/Ethane	8.49	20.21	30.74
Propylene	15.73	2.65	16.19
Propane	36.44	16.62	53.16
Propyne	NO	ND	ND
Butane	2.40	1.04	16.72
Isobutane/1-butene	2.68	2.30	6.50
1,3 Butadiene	0.44	0.35	0.78
1-butene	5.94	>10	26.04
trans-2-Butene	0.16	0.66	0.62
cis-2-Butene	0.19	0.11	0.38
3-Methyl-1-butene	0.12	0.11	0.56
Isopentane	8.05	5.97	58.48
1-Pentane	0.34	0.32	1.45
2-Methyl-1-pentane	0.48	0.49	1.31
n-Pentane	2.21	3.19	20.06
Isopentene	0.28	0.07	0.64
trans-2-Pentene	0.15	0.28	1.16
cis-2-Pentene	0.24	0.16	ND
2-Methyl-2-butene	0.18	0.34	NO
2,2-Dimethylbutane	0.22	0.17	1.38
Cyclopentane	0.12	ND	0.26
4-Methyl-1-pentane	0.13	0.28	0.77
Cyclohexane	0.41	0.21	2.79
2,3-Dimethylbutane	0.67	0.67	3.06
2-Methylpentane	2.60	ND	11.64
3-Methylpentane	1.49	1.34	1.47
1-Hexene	NC	6.7	0.65
2-Methyl-1-hexene	0.43	0.61	0.63
2-Ethyl-1-hexene	NC	ND	ND
n-Hexane	2.81	2.37	12.30
trans-2-Hexene	0.20	0.05	0.38
Methylcyclopentane	1.03	1.51	7.59
2,4-Dimethylpentane	0.93	0.60	2.71
Benzene	4.97	1.29	12.17
Cyclohexane	0.84	0.93	5.21
2-Methylhexane	1.06	1.00	3.26
2,3-Dimethylpentane	1.40	1.47	4.07
3-Methylhexane	2.46	1.23	6.07
1-Heptene	5.58	0.19	0.71
2,2,4-Trimethylpentane	2.65	1.78	7.47
n-Heptane	1.03	1.46	5.00

**SNMOC REPORT**  
**SITE CODE: JUNAX**

All concentrations reported In ppbC

Sample No.:	06001	06998	07001	08960D1	08960D2	07007
Sampling Date:	7/12/96	7/15/96	7/15/96	7/17/96	7/17/96	7/16/96
Analysts Date:	8/2/96	8/12/96	8/12/96	8/15/96	8/15/96	8/15/96
Methylcyclohexane	1.03	0.76	3.22	0.41	0.35	2.02
2,2,3-Ternarybenzene	0.51	0.34	1.26	0.22	0.27	1.91
2,3,4-Ternarybenzene	0.28	0.57	2.08	0.37	0.47	1.77
Toluene	31.60	31.24	67.56	13.41	13.42	40.01
2-Methylheptane	0.60	0.39	2.71	0.17	0.51	1.01
3-Methylheptane	1.24	0.57	1.74	0.20	0.71	1.27
1-Octane	0.27	0.12	0.58	0.08	0.10	0.40
n-Octane	0.056	0.046	2.25	0.21	0.35	1.04
Ethylbenzene	2.64	4.50	8.40	1.10	1.12	5.42
n-Xylene/p-Xylene	7.12	11.25	10.53	2.71	3.77	17.84
Styrene	1.62	5.92	1.83	0.47	0.42	2.72
c-Xylene	2.71	3.81	6.62	1.46	1.47	6.63
1-Naphthalene	0.28	0.40	0.47	0.20	0.19	1.16
m-Naphthalene	0.04	0.03	1.04	0.45	0.54	0.98
o-Naphthalene	0.13	0.10	0.45	0.12	0.02	0.30
s-Phenol	1.00	0.36	1.66	0.45	0.62	2.03
n-Picolyphenol	1.08	0.97	2.40	0.98	0.93	1.84
m-Biphenol	2.19	1.43	4.54	1.17	1.26	4.81
p-Biphenol	0.77	0.54	2.34	0.52	0.52	1.68
1,3,5-Triisopropylbenzene	1.18	0.87	2.60	0.65	0.61	2.30
c-Ethylbenzene	0.33	1.93	2.69	0.66	0.65	2.30
b-Pinene	1.16	1.73	1.23	0.66	0.59	1.52
1-Decane	1.69	0.84	1.98	0.45	1.21	1.74
1,2,4-Trimethylbenzene	7.15	6.16	10.07	3.13	3.08	11.43
n-Dodecane	2.97	3.01	5.56	1.79	1.97	3.46
1,2,3,7-Tetramethylbenzene	1.80	0.15	0.94	0.34	0.13	2.31
m-Diethylbenzene	1.25	0.66	2.06	0.66	0.36	0.65
p-Diethylbenzene	1.43	0.76	2.76	0.49	0.47	2.13
1-Indene	3.03	1.48	2.42	1.16	2.34	1.46
n-Undecane	5.04	3.41	7.07	3.02	2.42	4.83
1-Decene	45.33	45.75	35.98	16.86	21.76	50.15
n-Decene	8.02	3.86	6.15	4.97	3.37	5.23
1,7-Heptadiene	2.44	1.86	1.15	2.60	0.86	2.44
n-Undecane	3.66	0.77	1.45	2.08	1.16	2.72
TMOC (not unknown)	394.81	229.35	701.79	175.16	180.96	722.59
TMOC (Speciated)	261.37	225.17	520.87	130.41	128.70	551.74
Festheral						
e - Compound not measured due to FID Name out						

**J. SNMOC REPORT**  
**SITE CODE: JUMX**  
All concentrations reported in ppbC

Sample No.:	071338	0714601	0714602
Sampling Date:	7/24/96	7/24/96	7/24/96
Analysis Date:	8/14/96	8/16/96	8/30/96
Ethylene	4.62	4.96	4.85
AcrylidenetEthan	6.39	11.86	15.85
Propynone	40.64	6.72	56.15
Propane	311.14	21.76	129.81
Propene	ND	ND	ND
Isobutane*	5.66	2.59	6.49
Isobutylene*1-butene	2.72	2.62	2.28
1,3-Butanediene*	0.44	0.31	0.52
n-butane	14.31	1.68	15.61
Isomers 2-Butene	0.45	0.06	0.58
Isomers 2-butene*	0.41	0.16	0.27
3-Methyl-1-butene*	0.23	0.13	0.26
Isopentane*	0.14	9.15	14.05
1-Pentene	ND	0.39	0.93
2-Methyl-1-butene	1.22	1.52	ND
n-Pentane	11.13	5.01	ND
Isopentane	0.39	0.38	ND
trans-2-Pentene	0.72	0.52	ND
cis-2-Pentene	0.75	11.27	0.50
2-Methyl-2-butene	0.36	0.23	0.47
2,2-Dimethylbutane	0.48	0.16	0.49
Cyclopentene	0.06	0.19	0.32
4-Methyl-1-pentene	0.20	3.10	0.24
Cyclopentane*	0.51	2.49	0.19
2,3-Dimethylbutane	1.00	0.87	0.73
2,4-Dimethylbutane	5.61	5.14	4.90
3-Methylpentane	2.75	2.38	3.40
1-Hexane	ND	ND	0.40
2-Methyl-1-pentene	0.49	0.43	0.37
2-Ethyl-1-butene	ND	ND	ND
n-Hexane	7.25	3.19	4.64
Isomers 2-hexene	0.45	ND	0.35
cis-2-hexene	0.12	ND	0.23
Methylcyclohexane	2.08	1.30	2.58
2,4-Dimethylphenol	1.01	1.16	1.53
Benzene	5.10	10.26	7.53
Cyclohexane	1.66	1.94	ND
2-Methylhexane	1.12	1.03	ND
2,3-Dimethylbutane	1.06	1.06	2.44
3-Methylpentane	2.21	3.74	2.13
1-Hepene	0.67	1.01	0.96
2,2,4 Trimethylpentane	3.40	2.07	4.24
n-Hexene	1.77	4.2	2.26

**SNMOC REPORT**  
**SITE CODE: JUMX**

All concentrations reported in ppbC

Sample No.:	07137	07146D1	07139B
Sampling Date:	7/22/96	7/23/96	7/24/96
Analytical Date:	B11636	B11636	B11636
Methylcyclohexane	1.24	1.44	1.50
2,2,3,3-tetramethylpentane	0.59	0.66	0.67
2,3,4-trimethylpentane	1.11	0.90	0.27
Toluene	26.46	28.91	29.85
2-Methylbutane	0.98	0.26	0.65
3-Methylpentane*	2.90	0.60	1.11
3-Octene*	0.29	0.03	0.47
n-Octane*	0.68	0.65	0.87
Ethylbenzene	2.30	2.26	4.10
m-Xylenes-p-Xylene	6.42	7.96	17.77
Styrene*	0.83	0.83	1.36
n-Xylenes	2.89	2.86	4.84
1-Decene*	0.26	0.26	0.44
n-Hexane	1.27	0.61	0.71
Isopropylbenzene*	0.17	0.16	0.21
p-Heptene	1.09	0.66	4.00
n-Propanoate	1.27	1.27	1.47
n-Ethylbenzene	2.42	2.03	3.65
p-Ethylbenzene	0.96	1.16	1.40
1,3,5-Trimethylbenzene	1.06	1.41	1.63
o-Ethyltoluene	1.32	1.53	1.34
p-Pentene*	1.17	1.70	0.88
1-Decene	1.25	1.00	2.85
1,2,4-Trimethylbenzene	6.19	7.08	7.24
n-Octane	2.77	2.55	2.09
1,2,3 Trimethylbenzene	0.44	1.40	1.84
o-Dimethylbenzene	0.58	1.45	2.13
p-Dimethylbenzene	1.03	1.64	2.31
1,Undecane	1.67	1.15	1.57
n-Undecane	4.70	3.32	3.60
1-Decene	31.57	28.18	25.73
n-Dodecane	3.82	3.20	4.71
1-Undecene	1.74	1.61	2.40
n-Tidecene	2.03	1.61	2.91
THMOC (two unknowns)	475.11	387.80	584.59
THMOC (isolated)	367.89	259.14	443.65

Faultlines:

\* - Compound not analyzed due to FID flame-out

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**SNMOC REPORT**  
**SITE CODE: JUMX**  
All concentrations reported in ppbC

Sample No.:	Sampling Date:	07/24/02	07/08/1	07/05/2	07/06/1
	Analytical Date:	08/09/02	01/26/02	01/20/02	01/14/02
Ethylene	3.60	3.01	9.76	20.52	10.60
Acetylene/Ethane	4.60	5.72	24.13	43.66	23.06
Propane	4.80	3.45	15.37	16.72	11.13
Propene	32.59	29.85	49.35	103.79	64.58
Propane	ND	ND	ND	ND	ND
Isobutane	1.53	1.43	8.44	7.87	8.62
Isobutane/1-butene	ND	ND	ND	ND	ND
1,3-Butadiene	ND	ND	ND	ND	ND
n-butane	3.67	3.67	1.06	1.41	3.46
trans-2-butene	0.08	ND	0.79	5.32	4.45
cis-2-butene	0.16	0.29	0.36	1.41	0.68
3-Methyl-1-butene	0.08	0.07	0.34	0.40	0.33
Isopentane	3.72	2.65	ND	ND	ND
1-Pentane	0.65	0.40	1.11	2.21	18.42
2-Methyl-1-butene	ND	ND	ND	ND	ND
n-Pentane	ND	ND	ND	ND	ND
Isopentane	ND	ND	ND	ND	ND
cis-2-Pentene	ND	ND	ND	ND	ND
trans-2-Pentene	ND	ND	ND	ND	ND
2-Methyl-2-pentene	ND	ND	ND	ND	ND
2-Methyl-3-butene	ND	ND	ND	ND	ND
2,2-Dimethylbutane	ND	ND	ND	ND	ND
Cyclopentane	ND	ND	ND	ND	ND
4-Methyl-1-pentene	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	ND
2,3-Dimethylbutane	ND	ND	ND	ND	ND
2-Methylpentane	ND	ND	ND	ND	ND
3-Methylpentane	ND	ND	ND	ND	ND
1-Hexene	1.47	1.41	5.27	9.01	4.82
2-Methyl-1-hexene	ND	ND	ND	ND	ND
2-Ethyl-1-hexene	ND	ND	ND	ND	ND
n-Hexane	1.94	1.68	7.30	9.42	1.74
Isom-2-hexene	1.15	1.13	6.60	0.80	0.35
cis-2-Hexene	0.18	0.18	0.14	0.88	0.74
Methylcyclohexane	1.17	1.15	4.45	5.91	0.94
2,4-Dimethylpentane	0.71	0.20	3.2H	3.70	6.01
Benzene	2.96	2.70	10.10	13.69	7.23
Cyclohexane	0.47	0.49	2.11	2.95	0.47
2-Methylhexane	40.59	0.06	4.47	5.39	2.13
2,3-Dimethylpentane	0.85	1.30	5.54	6.27	3.32
3-Methylhexane	1.03	1.14	5.47	5.81	5.23
1-Hexane	0.22	0.27	1.82	1.74	4.72
2,2,4-Trimethylpentane	1.12	1.03	7.85	6.95	1.34
n-Heptane	0.76	0.76	4.22	4.36	2.06

**SNOC REPORT**  
**SITE CODE: JU/MX**  
**All concentrations reported in ppbC**

Sample No.:	075010-1	075040-2	07501	07502
Sampling Date:	08/03/96	08/03/96	01/12/96	01/12/96
Analyte Date:	08/03/96	08/03/96	01/12/96	01/12/96
Methylchloroformate	0.00	0.49	2.60	2.89
2,2,3-Triethylbenzene	0.34	0.35	1.78	2.72
2,3,4-Triethylbenzene	0.85	0.53	2.74	3.42
Toluene	14.33	13.35	40.23	47.95
2-Methylheptane	0.32	0.37	1.30	1.60
3-Methylheptane	0.38	0.44	1.45	1.94
1-Octene	0.17	0.69	0.90	0.84
n-Octane	0.46	0.46	1.03	2.08
Ethylbenzene	1.42	1.37	4.08	9.25
m-Xylenes/p-Xylene	4.91	4.74	15.67	23.74
Styrene	0.38	0.41	1.82	2.03
p-Xylene	1.94	1.05	3.03	5.71
t-Heptane	0.32	0.35	0.94	0.47
n-Heptane	0.88	0.61	1.15	1.59
Isopropylbenzene	0.08	0.08	0.32	0.31
p-Phenone	1.87	1.17	2.51	1.64
n-Propylbenzene	0.33	0.20	0.88	1.61
m-Ethyltoluene	1.23	1.14	3.68	4.19
p-Ethyltoluene	0.50	0.51	1.88	1.72
1,3,5-Trimethylbenzene	0.74	0.69	2.18	2.37
o-Ethyltoluene	0.80	0.77	2.11	2.21
b-Phenole	1.1	1.1	2.48	2.29
1-Decene	1.04	0.90	1.90	2.37
1,2,4-Triethylbenzene	4.26	4.48	12.31	10.92
n-Decene	2.49	2.31	6.55	6.79
1,3,5-Triethylbenzene	0.74	0.57	2.31	1.65
m-Crotylbenzene	0.58	0.45	2.18	1.77
p-Crotylbenzene	0.36	0.63	2.18	1.47
1-Undecene	2.21	1.13	1.75	1.80
n-Undecene	4.26	2.25	23.82	8.01
n-Dodecene	96.05	35.36	62.45	46.30
n-Pentadecene	5.15	3.66	18.51	12.27
1-Tetradecene	1.01	1.23	2.51	1.41
n-Tetradecene	1.95	1.24	3.83	4.22
THMOG (w/Unknown)	2291.50	246.72	547.81	225.35
THMOG (spike/%)	104.05	151.77	498.06	499.8

Footnotes:

- a - Compound not analyzed due to FID failure
- b - Compound not analyzed due to water effects in portion of chromatogram

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**SNMOC REPORT**  
**SITE CODE: JUMX**  
All concentrations reported in ppbC

Sample No.:	07670D1	07670D2	07778	07788
Sampling Date:	4/16/96	4/16/96	4/16/96	4/21/96
Analyte Date:	8/12/96	W/12/96	W/16/96	8/17/96
Ethylene	22.08	19.51	11.65	10.45
Acetylene	25.83	31.26	23.94	11.31
Propylene	125.84	176.02	4.51	27.42
Propane	127.00	84.91	52.25	39.31
Propene	ND	ND	ND	ND
Isobutane	7.28	8.05	3.01	3.50
Isobutene	4.67	5.50	4.40	2.71
1,3-Butadiene	1.45	1.46	0.57	0.58
n-butane	37.41	27.09	8.25	11.21
trans-2-Butene	1.45	1.35	0.76	0.26
cis-2-Butene	0.75	0.92	0.32	0.20
3-Methyl-1-butene	0.63	0.57	0.17	0.21
Isopentane	ND	a	10.43	13.53
1-Pentene	1.70	1.54	ND	0.62
2-Methyl-1-pentene	2.24	2.33	0.77	0.79
n-Pentane	21.48	22.42	8.51	8.28
Hexane	1.26	1.29	0.55	0.34
Isomer-2-Pentene	3.21	3.32	1.06	1.22
Oct-2-Pentene	4.60	4.66	0.49	0.51
2-Methyl-2-butene	3.33	3.42	0.87	0.67
2,2-Dimethylbutane	0.87	1.23	0.36	0.36
Cyclopentane	0.65	0.62	0.16	0.13
4-Methyl-1-pentene	0.26	0.45	0.41	0.20
Cyclohexane	1.81	1.92	0.59	0.60
2,3-Dimethylbutane	3.68	3.72	1.42	1.59
2,4-Methylpentane	12.96	12.17	4.10	5.27
3-Methylpentane	8.54	10.50	3.90	3.46
1-Hexene	4.93	4.94	ND	0.54
2-Methyl-1-pentene	0.96	0.51	0.55	0.29
2-Ethyl-1-hexene	ND	4.75	ND	ND
n-Heptane	11.4H	11.4H	4.09	4.86
trans-2-Hexene	0.73	0.71	0.31	0.42
cis-2-Hexene	0.46	0.44	0.24	0.10
Methylcyclopentane	7.03	7.10	2.69	2.6*
2,4-Dimethylbenzene	4.75	4.70	1.68	1.73
Benzene	20.06	19.36	7.95	7.07
Cyclohexane	3.36	3.41	1.17	1.34
2-Methylheptane	6.09	6.71	1.85	2.51
2,3-Dimethylpentane	7.52	7.42	2.29	2.76
3-Methylhexane	0.25	6.57	3.45	3.06
1-Hexene	1.67	1.65	0.76	0.96
2,2,4-Trimethylpentane	11.94	11.51	4.33	4.61
n-Hexane	4.77	5.58	2.19	1.77

**SNMOC REPORT**  
**SITE CODE: JUMX**  
**All concentrations reported in ppbC**

Sample No.:	0707801	0707802	0707803	0707807	0707808	0707809
Sampling Date:	8/18/95	8/16/95	8/12/95	8/21/94	8/22/94	8/17/94
Analytical Date:	8/12/95	8/12/95	8/12/95	8/16/95	8/17/95	8/17/95
Methylcyclohexane	4.14	3.80	1.39	1.59	1.55	1.02
2,2,3-Timethylbenzene	3.00	2.57	0.69	1.06	1.15	0.74
2,3,4-Timethylbenzene	4.65	4.21	1.52	1.68	2.01	0.76
Toluene	82.98	34.97	26.41	32.26	33.70	13.91
2-Methylheptane	2.38	2.05	0.83	0.84	1.05	0.41
3-Methylheptane	2.43	2.15	0.95	1.02	1.26	0.46
2-Octene	1.43	1.31	0.40	0.57	0.42	0.15
n-Octane	2.29	1.98	0.61	0.82	0.88	0.45
Cyclohexane	10.88	5.31	2.81	10.77	7.62	2.10
m-Xylenes-Xylene	33.91	28.42	13.21	35.77	28.60	6.30
Symmetric	3.40	3.04	0.87	1.20	6.37	1.20
o-Xylene	12.34	10.56	4.84	11.87	8.26	2.30
1-Hexene	0.96	0.92	0.42	0.61	0.36	0.29
n-Hexane	1.61	1.44	1.09	1.95	1.80	0.86
Isopropylbenzene	1.05	0.92	0.20	0.21	0.21	0.24
o-Fluorotoluene	4.53	4.12	1.32	1.65	1.32	1.71
m-Propylbenzene	2.90	2.59	1.50	1.68	1.31	1.03
n-Ethyltoluene	6.81	7.47	2.72	3.42	2.46	2.22
p-Ethyltoluene	3.34	3.32	1.34	1.49	1.23	0.64
1,3,5-Trimethylbenzene	4.60	4.01	1.54	1.88	1.76	1.08
o-Ethyltoluene	3.82	3.49	1.68	1.76	1.51	0.98
n-Pentane	3.64	3.05	1.60	1.60	1.76	1.53
p-Decene	1.16	1.12	1.91	1.22	1.12	0.80
1,2,4-Trimethylbenzene	12.98	13.22	7.68	10.83	10.90	1.05
n-Decane	3.51	3.63	4.12	3.81	4.36	2.81
1,2,3-Trimethylbenzene	3.17	3.44	1.73	2.01	1.97	1.12
n-Dodecane	2.10	2.33	0.91	1.47	0.95	0.83
p-Diethylbenzene	3.12	3.28	0.67	2.01	0.71	1.24
1-Undecene	2.18	2.37	1.24	2.28	1.51	1.14
n-Undecane	6.35	6.91	6.28	6.46	5.36	4.44
1-Decene	23.96	28.17	34.93	47.64	38.81	42.33
n-Decane	8.77	8.47	15.87	19.14	7.96	4.90
1-Heptene	0.56	1.06	1.53	2.26	1.50	1.62
n-Tetradecane	2.50	2.55	0.79	2.23	5.69	0.92
TINOC (not unknown)	940.89	62.73	448.66	530.83	491.47	272.49
TINOC (speciated)	770.47	734.61	331.36	223.30	385.08	174.42

Footnotes:

o-Cymopene not analyzed due to FID failure

**SNMOC REPORT**  
**SITE CODE: JUMX**  
All concentrations reported in ppbC

Sample No.:	03080031	0308102	03001	030716
Sampling Date:	8/23/96	8/22/96	8/20/96	8/21/96
Analysis Date:	8/26/96	8/26/96	8/26/96	8/30/96
<b>1-Oxybutene</b>	6.69	7.04	6.19	6.15
Acetylene/Ethane	19.16	11.71	11.15	7.75
Propene	4.20	3.16	2.57	6.40
Propane	25.91	41.75	33.37	13.01
Propyne	ND	ND	ND	ND
Isobutane	2.52	7.06	2.22	1.03
Isobutene/1-Butene	7.02	2.01	ND	2.49
1,3-Butadiene	0.57	0.49	ND	ND
n-butane	6.13	6.71	5.91	12.70
trans-2-Butene	ND	ND	ND	ND
cis-2-Butene	0.20	0.12	0.14	0.22
cis-3-Methyl-1-Butene	1.13	0.09	0.11	ND
Isopentane	ND	0.50	ND	0.13
1-Pentene	0.13	ND	ND	0.11
2,4-Methyl-4-Pentene	0.48	0.26	0.41	0.75
isopentane	4.69	4.50	4.26	5.28
Isoprene	0.24	0.16	0.18	0.46
Methyl-2-Pentene	0.76	0.58	0.60	0.23
cis-2-Pentene	0.36	0.36	0.36	0.34
2-Methyl-2-Butene	0.91	0.26	0.53	1.25
2,2-Dimethylpropane	0.37	0.26	0.16	ND
Cyclopentene	0.12	0.06	0.06	ND
4-Methyl-1-pentene	0.26	0.14	0.26	1.13
Cyclohexene	0.40	0.42	0.35	0.34
2,3-Dimethylbutane	1.03	0.77	0.76	0.51
2-Methylpentane	3.70	2.65	2.98	3.70
3-Methylpentane	2.26	2.11	1.91	2.59
1-Hexene	ND	0.20	ND	0.18
2-Methyl-1-pentene	0.40	0.15	0.36	0.21
2-Ethyl-1-butene	ND	ND	ND	ND
o-Hexene	2.15	2.42	2.38	3.66
trans-2-Hexene	0.23	0.24	0.16	0.34
cis-2-Hexene	0.46	0.16	0.06	0.20
Methylcyclopentane	1.81	1.66	1.84	2.10
2,4-Dimethylpentane	1.22	0.98	0.94	1.31
Benzene	5.07	4.63	4.42	5.95
Cyclohexene	0.05	0.20	0.05	0.17
2-Methylbenzene	1.94	1.35	1.35	1.75
2,3-Dimethylbenzene	1.74	1.19	1.26	2.05
3,4-Dimethylbenzene	1.58	1.50	2.23	2.70
1-Hexene	0.77	0.62	0.44	0.65
2,2-Triisopropylbenzene	3.05	2.67	2.94	3.52
n-Hexane	1.00	1.11	1.00	1.27

**SNMOC REPORT**  
**SITE CODE: JUNX**

All concentrations reported in ppbC

Sample No.:	074889	0400001	00401	00076
Sampling Date:	07/23/95	07/20/95	07/29/95	07/30/95
Analyte Date:	07/20/95	07/20/95	07/28/95	07/30/95
Methylcyclohexane	1.10	0.62	0.70	1.22
2,2,3-Trimethylpentane	0.64	0.55	0.53	0.83
2,3,4-Trimethylpentane	2.27	0.92	1.03	3.02
Toluene	10.18	14.06	13.96	21.86
2-Methylheptane	0.45	0.46	0.50	0.71
3-Methylheptane	0.69	0.57	0.56	1.67
1-Octane	0.27	0.31	0.24	0.36
n-Octane	0.61	0.73	0.49	0.44
Ethylbenzene	3.03	2.65	2.03	0.59
m-Xylenep,p-Xylenic	11.48	8.53	8.62	2.36
Syrene	0.89	0.82	0.79	1.42
p-Xylene	3.55	3.17	3.08	2.91
1-Nonene	0.32	0.42	0.21	0.10
n-Hexane	0.78	0.58	0.46	0.66
Isopropylbenzene	0.14	0.11	0.15	0.10
p-Pinene	1.16	1.65	0.68	1.35
n-Propylbenzene	0.27	0.39	0.41	1.31
m-Ethylbenzene	2.02	1.93	1.72	2.24
p-Ethylbenzene	0.64	0.55	0.78	0.64
1,3,5-Trimethylbenzene	1.18	1.03	0.98	1.30
o-Ethyltoluene	1.26	0.99	1.01	0.64
Isobutane	1.25	0.52	0.62	1.34
1-Decene	2.06	1.01	0.63	1.63
1,2,4,1-Trimethylbenzene	6.40	3.77	3.75	6.92
n-Decane	3.21	1.82	1.65	2.71
1,2,3-Trimethylbenzene	1.21	0.72	0.93	1.06
m-Dichlorobenzene	0.75	0.21	0.40	0.93
p-Dichlorobenzene	0.67	0.46	0.42	1.53
1-Undecene	1.15	1.64	0.70	1.66
n-Undecane	4.33	7.04	2.58	6.06
1-Dodecene	35.56	24.02	20.71	47.44
n-Dodecane	6.16	3.05	3.54	11.63
1-Tridecene	1.49	1.00	1.67	1.91
n-Tridecane	2.42	0.49	0.65	2.37
THMOC (w/ upthiophene)	389.88	290.17	256.52	366.78
THMOC (piperazine)	233.35	201.57	171.53	246.95

F00000183

a - Contaminated and analyzed due to FCD Name-out

**SNMOC REPORT**  
**SITE CODE: JUMX**  
**All concentrations reported in ppbC**

Sample No.:	08146	08267	08241	08233	08238
Sampling Date:	01/14/96	01/15/96	01/06/96	01/10/96	01/11/96
Analysts Date:	01/30/96	01/30/96	01/06/96	01/06/96	01/06/96
<b>Ethylene</b>	3.79	6.66	5.97	13.94	5.46
<b>Acetone/2-Ethylhexane</b>	17.27	6.17	9.98	30.38	11.88
<b>Propylene</b>	1.42	0.60	11.05	11.97	17.39
<b>Propane</b>	22.95	26.20	31.71	43.20	39.14
<b>Propyne</b>	ND	ND	ND	ND	ND
<b>Isobutane</b>	1.16	3.67	1.68	5.21	3.69
<b>Isobutane/1-butene</b>	2.25	2.42	2.22	5.25	2.91
<b>1,3-Butadiene</b>	ND	ND	ND	ND	ND
<b>n-butane</b>	0.38	0.32	0.08	0.38	0.38
<b>trans-2-Butene</b>	0.17	0.20	0.26	0.56	0.27
<b>3-Methyl-1-butene</b>	0.09	0.21	0.14	0.14	0.18
<b>Isopentane</b>	7.54	11.14	8.64	16.16	9.97
<b>1-Pentene</b>	0.42	0.79	ND	ND	ND
<b>2-Methyl-1-pentene</b>	0.59	0.65	0.22	2.31	0.62
<b>n-Pentane</b>	0.35	1.97	4.98	11.54	7.44
<b>Isoprene</b>	0.22	0.19	0.26	0.19	0.31
<b>trans-2-Pentene</b>	1.88	1.23	1.38	1.84	1.70
<b>cis-2-Pentene</b>	0.41	0.41	0.38	0.69	0.33
<b>2-Methyl-2-butene</b>	0.73	0.85	0.45	2.00	0.66
<b>2,2-Dimethylbutane</b>	0.28	ND	0.11	0.73	0.23
<b>Cyclopentane</b>	0.27	1.12	0.28	1.41	0.15
<b>4-Methyl-1-pentene</b>	0.21	0.19	0.17	0.36	0.17
<b>Cyclopentene</b>	0.46	3.59	0.65	1.26	0.84
<b>2,3-Dimethylbutane</b>	1.06	1.49	1.65	2.24	1.84
<b>2-Methylpentane</b>	4.41	4.40	5.62	10.19	7.73
<b>3-Methylpentene</b>	2.69	2.00	2.26	6.00	2.45
<b>1-Hexene</b>	11.25	ND	ND	ND	ND
<b>2-Methyl-1-pentene</b>	0.20	0.65	0.04	0.44	0.14
<b>2-Ethyl-1-hexane</b>	ND	ND	ND	ND	ND
<b>n-Hexane</b>	3.76	3.87	4.03	7.81	3.60
<b>trans-2-Heptene</b>	0.47	1.11	0.17	0.75	0.24
<b>cis-2-Heptene</b>	1.19	6.78	0.18	0.67	0.17
<b>Methylcyclopentane</b>	2.39	2.44	ND	4.61	2.26
<b>2,4-Dimethylpentane</b>	1.48	1.52	1.09	2.66	1.08
<b>Brutene</b>	6.53	5.88	6.28	11.47	4.93
<b>Cyclohexane</b>	1.17	1.06	1.12	1.61	0.95
<b>2-Methylheptane</b>	2.64	2.64	1.02	3.52	1.22
<b>2,3-Dimethylbenzene</b>	2.43	3.40	2.24	3.51	1.49
<b>1-Methylhexane</b>	4.11	5.16	5.28	3.38	1.66
<b>1-Heptene</b>	0.50	0.36	1.07	1.71	0.58
<b>2,2,4-Trimethylpentane</b>	4.24	4.13	3.86	7.27	3.09
<b>n-Hexane</b>	2.73	2.72	3.44	2.95	1.14

**SNMOC REPORT**  
**SITE CODE: JUNX**  
**All concentrations reported in ppbC**

Sample No:	06-14-0	06-20-1	06-23-3	06-24-3	06-25-8
Sampling Date:	8/6/96	9/5/96	9/8/96	\$10.95	\$11.95
Analysis Date:	8/30/96	9/30/96	10/9/96	10/8/96	10/8/96
Methylbenzene	1.50	1.38	1.14	1.83	0.88
2,2,3-Trimethylbenzene	0.66	1.04	0.80	1.19	0.61
2,3,4-Ternethylbenzene	1.71	1.59	1.31	3.03	0.92
Toluene	19.42	18.34	17.43	31.60	13.11
p-Methylbenzene	0.82	0.79	0.85	1.20	0.55
o-Methylbenzene	1.17	0.70	0.94	1.43	0.44
1-Octene	0.96	0.73	4.22	0.67	0.39
n-Octane	0.84	0.61	0.80	1.18	0.88
Ethylbenzene	2.50	2.38	2.34	4.42	1.88
m-Xylenep-Xylene	7.97	7.64	7.62	7.19	8.31
Styrene	1.91	1.20	1.89	1.12	0.46
o-Xylene	3.30	2.86	2.61	6.36	2.51
1-Hexene	0.40	0.35	0.24	0.23	0.35
n-Heptane	0.57	0.76	0.58	0.94	0.45
Isopropylbenzene	0.10	ND	0.38	0.22	0.00
a-Pinene	1.15	3.35	1.68	5.28	1.52
n-Propylbenzene	1.11	0.70	1.00	1.31	0.81
m-Ethyltoluene	2.00	2.73	2.35	3.60	1.88
p-Ethylbenzene	0.89	1.01	1.07	1.36	0.76
1,3,5-Trimethylbenzene	1.12	1.21	1.44	1.86	0.87
o-Ethyltoluene	0.24	1.38	1.23	1.02	0.86
o-Phenol	1.15	1.49	1.81	1.91	0.74
1-Decene	1.20	1.31	2.24	1.51	1.33
1,2,4-Trimethylbenzene	6.59	6.10	6.84	6.81	4.00
n-Decane	2.30	6.71	2.82	4.43	2.34
1,2,3-Trimethylbenzene	3.03	1.08	1.11	1.58	1.72
m-Diethylbenzene	0.94	1.65	0.72	0.66	0.36
p-Diethylbenzene	1.17	0.93	1.10	0.73	0.51
1,4-Dimethylbenzene	2.15	0.85	0.61	1.33	1.83
n-Johnstone	4.44	39.67	4.01	4.13	3.72
1,3-Dodecene	32.77	25.96	35.94	34.15	19.18
n-Dodecane	b.92	31.20	5.77	4.25	6.50
1-Triolefine	1.95	1.04	2.28	1.53	1.32
n-Triketone	1.93	9.0	1.31	0.57	4.46
THMOC (w/unknowns)	402.85	474.47	372.12	485.51	285.85
THMOC (specified)	237.41	341.15	237.91	380.30	221.81

Footnotes:  
a Compound not analyzed due to FID limits cut

361.04  
164.72

**SNMOC REPORT**  
**SITE CODE: JUNMX**  
All concentrations reported in ppbC

Sample No.:	08318	C883701	0842102	B3228	08441
Sampling Date:	9/13/96	9/10/96	9/13/96	9/14/96	9/20/96
Analysis Date:	10/11/96	10/15/96	10/16/96	10/16/96	10/23/96
Ethylene	3.48	10.71	10.03	0.74	16.50
Acryliden-Ethane	10.63	16.26	12.71	6.54	36.47
Propyne	4.84	10.83	4.30	2.89	22.76
Propane	21.88	21.69	24.82	10.85	6.27
Propene	ND	ND	ND	ND	ND
Isobutene	ND	ND	ND	ND	ND
Isobutene with butane	1.64	2.44	2.42	2.46	4.38
1,3-Butadiene	ND	ND	ND	ND	ND
isobutane	8.74	7.19	8.09	8.05	8.04
cis-2-Butene*	ND	0.50	0.48	0.45	20.35
cis-2-butene	ND	0.18	0.26	0.44	0.73
2-Methyl-1-butene	ND	0.39	0.26	0.31	0.78
Isopentane	5.30	11.45	ND	ND	0.40
1-Pentane	ND	ND	ND	ND	ND
2-Methyl-1-butene*	ND	ND	ND	ND	ND
2-Methyl-1-butene*	ND	ND	ND	ND	ND
2-Pentene	ND	ND	ND	ND	ND
cis-2-Pentene*	ND	ND	ND	ND	ND
cis-2-Pentene	ND	ND	ND	ND	ND
2-Methyl-2-butene	0.53	1.13	1.19	0.70	1.64
2,2-Dimethylbutane	0.22	0.34	0.51	0.50	ND
Cyclopentene	0.01	0.29	0.34	0.18	0.47
4-Methyl-1-pentene*	0.04	0.20	0.27	0.26	0.46
Cyclohexane	0.47	0.56	0.50	0.50	0.61
2,3-Dimethylbutane	0.48	1.21	1.19	1.21	1.21
2,2-Dimethylbutane	1.95	0.64	0.46	0.62	2.30
3-Methylpentane	1.47	2.62	3.25	0.41	0.47
1-Hexene	ND	0.44	0.41	0.38	0.46
2-Methyl-1-pentene	0.21	0.24	0.24	0.24	0.67
2-Ethyl-1-butene	ND	ND	ND	ND	ND
cis-1-Hexene	1.53	4.13	4.03	0.89	1.45
cis-2-Hexene	0.07	0.57	0.50	0.26	0.26
cis-2-Hexene	0.04	0.21	0.16	0.10	0.10
Methylcyclopentane	ND	ND	ND	ND	ND
2,4-Dimethylbutane	0.50	1.46	1.40	0.54	0.57
Benzene	ND	ND	ND	ND	ND
Cyclohexane	ND	ND	ND	ND	ND
2-Methylbutane	0.69	1.14	1.18	1.40	1.16
2,3-Dimethylpentane	0.92	2.42	2.09	1.86	2.59
3-Methylheptane	0.74	2.24	2.24	1.60	2.12
1-Hexene	1.11	2.29	2.42	3.51	2.61
2,2,4,7-Tetramethylpentane	0.33	1.35	0.90	0.95	1.73
cis-Heptane	1.51	2.35	4.19	3.30	8.60
cis-Heptane	1.25	2.18	2.07	2.49	4.84

**SNNOC REPORT**  
**SITE CODE: JUNX**  
**All concentrations reported in ppbC**

Sample No.:	08318	0831D1	0832B	08411	08422
Sampling Date:	8/13/96	8/14/96	8/15/96	9/10/96	9/12/96
Analytical Date:	10/11/96	10/15/96	10/17/96	10/11/96	10/22/96
Methylchloroform	0.69	1.87	1.90	2.28	3.17
2,2,3-Timethylpentane	0.27	0.64	1.11	0.49	1.51
2,3,4,7-Timethylheptane	0.60	1.63	1.46	1.01	2.48
Toluene	8.10	19.59	21.51	20.49	34.11
2-Methylheptane	0.36	0.99	1.06	1.27	1.70
3-Methylisopropene	0.42	1.02	1.13	0.95	1.73
1-Decene	0.18	0.39	0.42	0.29	0.62
n-Octane	0.42	0.15	0.09	1.09	1.39
Ethylbenzene	0.96	3.96	4.06	15.04	16.68
m-Xylenes/p-Xylene	3.11	11.01	12.86	54.53	25.42
Syrene	0.29	1.41	1.60	3.88	3.37
o-Xylenes	1.20	4.41	5.06	17.15	9.42
1-Hexene	0.19	0.34	0.29	0.21	0.59
m-Naphthalene	0.69	0.41	0.46	1.26	0.95
Isopropylbenzene	0.96	0.05	0.05	0.14	0.16
o-Xylenes	0.48	1.15	1.65	0.70	1.30
n-Propylbenzene	0.39	0.96	1.03	0.61	1.88
m-Ethyltoluene	1.03	2.68	3.27	1.80	4.76
p-Ethyltoluene	0.50	1.12	1.24	0.85	2.06
1,3,5-Trimethylbenzene	0.17	1.26	1.52	1.68	2.63
o-Ethyltoluene	0.72	0.65	1.03	1.10	1.44
o-Pinone	1.13	1.26	1.97	1.03	2.66
1-Decene	1.07	1.46	1.39	1.89	0.71
1,2,4-Trimethylbenzene	4.19	5.55	6.34	3.56	2.01
n-Decane	2.23	1.94	1.07	4.11	3.19
1,2,3-Trimethylbenzene	0.68	1.31	1.60	1.00	2.30
m-Dimethylbenzene	0.26	0.76	0.49	0.56	1.56
p-Dimethylbenzene	0.36	0.79	0.83	0.58	2.44
1-Undecane	1.03	1.46	1.77	2.03	2.44
Heptadecane	3.36	2.25	2.57	16.18	4.68
1-Octadecane	25.87	16.05	17.94	25.41	36.34
n-Undecane	3.53	2.90	5.30	8.43	4.35
1-Indecene	1.17	1.14	1.11	1.20	2.11
n-7-Indecene	1.46	1.29	1.05	2.50	1.95
TrinOC (nw unknowns)	222.7C	322.00	330.71	416.56	525.71
TrinOC (spotted)	145.2R	238.19	233.52	328.02	451.50

Peaklist:

a - Compound until normalized due to FID flameout

**SNMOC REPORT**  
**SITE CODE: JUNX**  
All concentrations reported in ppbC

Sample No.:	08554	08648	088301	0886202
Sampling Date:	9/24/96	9/26/96	9/26/96	9/26/96
Analysis Date:	10/23/96	10/27/96	10/23/96	10/23/96
Ethylene	15.53	1.70	7.20	6.62
Acetylene/Ethane	29.86	12.96	16.04	18.15
Propylene	15.57	0.80	2.70	2.30
Propane	45.53	12.89	25.23	25.61
Propene	ND	ND	ND	ND
Isobutene	8.58	2.39	2.39	2.20
Isobutylmethyl-butenes	5.68	1.70	2.27	5.88
1,3-Butadiene	ND	ND	0.35	0.42
trans-Butene	25.45	5.80	5.47	6.26
trans-2-Butene	1.01	ND	ND	0.23
cis-2-Butene	1.23	ND	0.16	0.17
3-Methyl-1-butene	0.69	ND	0.15	0.12
Isopentane	43.74	4.80	7.36	7.40
1-Pentene	1.81	0.54	1.03	0.38
2-Methyl-1-butene	ND	ND	1.13	0.41
1-Pentane	ND	ND	2.35	4.13
Isoprene	ND	ND	0.37	0.45
trans-2-Pentene	4.83	0.19	0.52	0.63
cis-2-Pentene	2.38	0.09	0.34	0.28
2-Methyl-2-butene	4.89	0.14	0.71	0.81
2,2-Dimethylbutane	1.46	0.07	ND	0.32
Cyclohexane	0.79	ND	0.38	ND
4-Methyl-1-pentene	0.06	ND	0.71	ND
Cyclopentane	7.11	0.24	0.42	0.38
2,3-Dimethylbutane	4.86	0.25	1.13	0.82
2-Methylpentane	17.32	1.53	3.16	ND
3-Methylpentane	10.93	1.07	3.64	3.94
1-Hexene	1.46	0.05	0.15	ND
2-Methyl-1-hexene	0.58	0.09	0.13	0.28
2-Ethyl-3-methyl-	ND	ND	ND	ND
1-Hexene	15.37	1.38	3.17	3.17
trans-2-Hexene	1.43	0.06	0.45	0.43
cis-2-Hexene	1.65	0.06	0.12	0.20
Methylcyclopentane	8.47	1.77	2.06	1.82
2,4-Dimethylpentane	5.21	0.26	1.74	0.53
Benzene	20.39	2.34	5.22	4.38
Cyclohexane	4.62	0.34	0.99	0.81
2-Methylcyclohexane	7.38	0.97	1.52	1.44
2,3-Dimethylpentane	7.75	0.48	1.28	1.17
3-Methylheptane	8.95	2.41	1.93	3.15
1-Hexanol	3.03	0.17	0.56	0.52
2,2,4-Trimethylpentane	13.58	0.99	2.56	2.56
n-heptane	7.00	4.98	1.57	1.14

**SHMOC REPORT**  
**SITE CODE: JUMX**  
**All concentrations reported in ppbC**

Sample No.:	08554	08545	0805104
Sampling Date:	2/24/95	2/25/95	9/26/95
Analyte Date:	10/23/95	10/23/95	10/23/95
<b>Methylcyclohexane</b>	4.23	0.59	1.00
2,2,3-Ternaryphenol	2.98	0.16	0.88
2,3,4-Ternaryphenol	4.61	0.30	0.84
Toluene	52.25	0.02	0.75
2-Methylpropane	2.80	1.58	15.81
3-Methylpropane	1.18	0.12	2.68
1-Octene	1.24	0.08	0.59
n-Decane	2.22	0.34	0.23
Ethylenecene	8.44	0.96	0.57
methylbenzyl-Xylyne	28.00	2.71	0.93
Syndrol	2.73	2.01	4.22
o-Xylene	10.56	1.07	1.42
1-Nonane	0.88	0.24	5.34
m-Naphthalene	2.52	0.51	0.27
Isopropylbenzene	0.58	0.05	0.21
p-Phenol	1.47	0.02	0.31
n-Propylbenzene	2.61	0.61	0.82
m-Ethyltoluene	7.47	1.11	1.21
p-Ethyltoluene	3.08	0.64	1.14
1,3,5-Triethylbenzene	4.08	0.87	2.39
o-Ethyltoluene	2.42	0.45	1.72
b-Pinene	2.16	0.84	0.59
1-Decene	0.31	ND	1.81
1,2,4,7-Tetramethylbenzene	13.57	2.16	5.26
n-Decane	5.35	1.65	0.23
1,2,3-Triethylbenzene	2.05	0.62	0.14
m-Diethylbenzene	1.26	0.98	0.47
p-Diethylbenzene	2.72	0.61	0.64
1-Undecene	1.28	4.06	0.77
m-Undecane	7.48	4.38	3.35
1-Dodecene	40.11	12.11	5.36
n-Dodecane	7.89	5.65	2.95
1-Triisobutene	2.18	0.56	1.64
n-Tributane	1.33	7.91	2.31
			2.31
TRIMOC (Unknown)	792.02	200.86	281.18
TRIMOC (specified)	590.55	122.81	201.84

**Footnotes:**  
 a - Compound not analyzed due to FID limit

**SNMOC WEEKLY REPORT**  
**SITE CODE: NWNJ**

All concentrations reported in ppbC

Sample No.	Sampling Date	07/05/05	07/12/05	07/19/05
Analysis Date:	07/05/05	07/05/05	07/19/05	07/26/05
Ethylbenzene	7.60	11.80	3.05	4.86
1,2-Dibromoethane	12.66	10.17	6.76	9.32
1,3-Dimethylbenzene	2.25	6.15	3.47	2.18
Propene	8.80	6.63	4.49	4.12
Propyne	ND	ND	ND	ND
Isobutane	2.97	15.20	2.58	2.11
Isobutene/1-butene	2.35	11.39	1.35	2.78
1,3-Butadiene	ND	ND	0.55	11.55
1-Pentene	2.24	25.34	1.87	3.24
trans-2-Butenes	ND	7.56	0.71	1.22
cis-2-Butenes	0.14	6.73	0.12	0.20
3-Methyl-1-butene	0.38	1.50	0.12	0.16
Isopentane	9.25	62.53	5.21	8.10
1-Pentane	0.27	5.04	ND	0.62
2-Methyl-1-butane	6.47	5.12	0.30	0.92
n-Pentane	2.69	21.65	2.04	3.74
Isopentane	0.65	0.92	0.18	0.26
trans-2-Pentene	0.62	4.35	0.30	1.27
cis-2-Pentene	0.11	1.66	0.13	ND
2-Methyl-2-butene	0.62	0.67	0.29	0.41
2,2-Dimethylbutane	0.42	2.81	0.31	0.14
Cyclopentene	0.24	1.26	ND	ND
4-Methyl-1-pentene	0.73	0.31	ND	0.08
Cyclopentane	0.55	7.15	ND	0.28
2,3-Dimethylbutane	0.44	0.47	ND	0.60
2-Methylpentane	2.05	20.36	2.43	5.84
3-Methylpentane	1.56	8.72	0.68	1.76
1-Hexene	0.27	ND	ND	ND
2-Methyl-1-pentene	0.60	2.14	0.13	0.46
2-Ethyl-1-butene	ND	ND	ND	ND
3-Hexene	1.76	6.25	1.13	1.91
4-Hexene	0.31	1.43	0.16	0.22
1,3-Dimethylbenzene	0.03	1.91	0.02	0.10
Methylcyclohexane	1.20	1.08	0.53	0.98
2,4-Dimethylpentane	0.74	1.54	0.34	0.58
Benzene	3.04	5.92	1.61	3.38
Cyclohexane	0.29	1.63	0.37	0.56
2-Methylhexane	1.40	3.72	0.00	1.46
2,3-Dimethylhexane	0.34	1.22	0.34	1.26
3-Methylhexane	1.52	4.71	1.56	4.88
1-Hexene	1.11	1.16	0.21	1.30
2,2,4-Trimethylpentane	2.91	1.40	2.23	6.22
1-Hexane	0.61	7.47	1.96	2.13

8

07/19/05	07/05/05	10/26/05
4.094	0.056	10.92

## SNMOC WEEKLY REPORT

SITE CODE: MWNJ

All concentrations reported in ppbC

Sample No.:	06305	06019	07257	07340D1
Sampling Date:	6/20/56	7/15/96	7/11/96	8/5/96
Analytical Date:	7/18/96	B1596	B1796	10/29/96
Methylcyclohexane	0.77	4.05	0.62	1.30
2,2,3-Timethylbenzene	0.53	1.21	0.35	0.87
2,3,4 Trimethylbenzene	0.94	1.04	0.50	1.39
Toluene	12.23	17.56	0.23	10.58
2-Methylheptane	0.49	1.32	3.25	1.54
3-Methylheptane	0.58	1.32	0.41	0.74
1-Octane	0.61	0.41	0.30	0.57
1-Decane	0.58	1.73	0.96	1.66
Ethylbenzene	7.47	3.73	1.44	10.43
m-Aminotoluene	8.85	11.91	4.10	30.64
Syntex	0.24	2.10	1.28	0.68
n-Ketone	3.78	4.49	1.43	12.26
n-Heptane	0.58	0.41	0.19	0.37
n-Nonane	0.82	1.46	0.39	1.64
Isopropylbenzene	0.41	0.20	0.10	0.65
o-Pinene	0.36	2.41	0.20	1.12
i-Propylbenzene	0.31	0.87	0.66	0.72
m-Ethyltoluene	1.93	2.20	1.62	7.56
p-Ethyltoluene	1.21	1.46	1.40	1.44
1,3,5-Triethylbenzene	1.02	1.69	0.35	1.87
n-Ethyltoluene	1.26	1.40	0.34	1.75
n-Phenane	0.44	2.11	0.36	0.50
1-Decene	1.07	1.26	1.79	0.10
1,2,4-Trimethylbenzene	4.97	4.57	1.66	4.38
n-Pentane	2.57	2.20	1.23	2.77
1,2,3-Trimethylbenzene	2.99	1.27	0.41	1.21
n-Dimethylbenzene	> 5	3.51	0.86	0.95
p-Dimethylbenzene	1.15	2.03	1.45	3.15
1,4-Dimethylbenzene	3.57	2.61	5.14	1.69
n-Heptane	2.91	2.23	1.26	2.76
1-Dodecane	4.75	6.00	1.23	0.65
n-Dodecane	1.70	2.49	1.17	3.67
1-Tridecane	0.68	1.47	0.22	0.94
n-Tridecane	1.59	2.34	0.92	2.12
TNMoC (w/ detection)	229.16	566.14	101.24	1463.59
TNMoC (spotted)	148.94	413.34	90.76	1059.43

For analysis  
n = Contaminant ID: 2097288 due to FID Name oJ

**SNMOC WEEKLY REPORT**  
**SITE CODE: AWNJ**  
**All concentrations reported in ppbC**

Sample No.:	07883	07827	08211	08383
Sampling Date:	8/18/98	8/26/98	8/24/98	8/30/98
Analyzed Date:	10/29/98	8/20/98	10/09/98	10/24/98
Ethylene	8.75	17.58	21.81	11.81
Azobisisobutyronic Propylene	12.57	>11	35.95	16.74
Propene	5.46	6.91	12.63	5.88
Propyne	5.88	6.96	32.11	14.13
Isobutane	1.72	ND	ND	ND
Isobutene	2.89	5.11	11.57	2.20
Isobutylidenecyclohexene	0.40	1.82	4.20	0.30
Isobutylidene-1-butene	2.53	7.34	11.18	ND
Isobutane	0.29	1.14	1.98	0.66
Isobutylene	0.25	0.77	0.98	2.08
3-Methyl-1-butene	ND	10.49	0.34	ND
Isopentane	ND	26.03	26.10	20.28
1-Pentane	0.48	1.74	1.29	1.20
2-Methyl-1-hexene	0.76	7.35	7.50	0.51
1-Pentene	2.91	6.53	12.38	3.35
Isoprene	0.31	1.24	0.61	ND
trans-2-Pentene	0.81	1.74	2.11	0.62
cis-2-Pentene	0.39	4.36	1.18	0.41
2-Methyl-2-butene	0.61	2.39	2.92	1.69
2,2-Dimethylbutene	0.56	1.19	1.36	0.73
Cyclopentane	0.17	0.47	0.54	0.28
4-Methyl-1-penten	ND	12.32	0.66	0.94
Cyclopentene	0.44	3.45	ND	0.56
2,3-Dimethylbutane	1.28	2.15	ND	1.12
2-Methylphenol	5.22	11.20	23.79	8.43
3-Methylisobutane	1.51	4.27	ND	2.12
1-Hexene	0.16	0.59	ND	ND
2-Methyl-1-pentene	0.26	0.45	ND	0.62
2-Ethyl-1-butene	ND	ND	ND	ND
1-Hexane	1.42	4.04	4.07	ND
Benzene-2-Methoxy	0.28	3.77	0.92	ND
cis-2-Hexene	0.09	0.26	0.88	ND
Methylcyclohexane	0.66	2.98	3.33	1.45
2,4-Dimethylphenol	0.46	1.23	1.01	0.69
Benzene	3.27	7.71	5.25	2.44
Cyclopropane	0.17	0.91	1.23	0.42
2-Methylbutane	1.17	3.24	3.31	1.81
2,3-Dimethylbutane	0.82	1.52	2.55	1.38
3-Methyl-2-butene	2.04	3.05	5.97	2.65
1-Hexanol	0.34	1.57	1.76	0.43
2,2,4-Trimethylpentane	3.30	7.67	5.31	4.00
n-Hexane	0.74	2.61	2.77	0.54

**SNMOC WEEKLY REPORT**  
**SITE CODE: NWNJ**

**All concentrations reported in ppbC**

Sample No.:	07687	08111	08283	08522
Sampling Date:	01/26/96	01/26/96	01/24/96	01/24/96
Analytical Date:	10/29/96	10/29/96	10/24/96	10/24/96
Methylchlorobutane	0.92	2.45	1.07	2.16
2,2,3,1-Tinethylbenzene	0.64	1.05	1.61	2.05
2,3,4,7-Tinethylbenzene	0.21	2.06	1.34	4.06
Toluene	5.02	25.11	34.27	33.54
2-MethylPropene	0.43	1.41	1.87	1.97
3-MethylPropene	0.31	1.45	1.28	2.11
1-Octane	1.24	6.75	1.95	1.52
n-Octane	0.80	1.50	1.80	1.59
Ethylbenzene	3.57	4.00	5.15	5.80
m-Xyleno-p-Xylene	12.97	12.64	23.63	20.02
Siloxane	1.93	1.06	1.49	1.74
n-Xylene	3.95	6.60	6.57	5.13
1-Methyl-	0.40	0.55	0.44	0.46
n-Amylbenzene	1.76	1.40	2.00	1.70
Isopropylbenzene	0.12	0.25	1.04	0.33
n-Pentane	1.51	0.98	1.96	1.67
n-Polybutene	0.54	1.13	1.20	1.71
m-Ethylbenzene	1.77	2.90	5.32	6.17
p-Ethylbenzene	0.88	0.80	2.32	2.46
1,3,5-Tinethylbenzene	0.02	0.27	2.88	3.78
o-Ethyltoluene	0.62	1.49	2.71	2.62
n-Prilene	2.42	1.02	1.36	1.57
1-Decene	0.18	0.54	1.82	1.62
1,2,4-Tinemylbenzene	2.94	6.48	8.14	9.00
n-Decane	1.08	2.52	4.20	3.68
1,2,3-Tinemylbenzene	0.66	1.11	2.35	1.95
m-Dithyldiene	0.69	1.27	1.07	1.00
n-Dithyldiene	0.98	2.31	1.90	1.38
1-Undecane	4.06	2.17	1.97	1.23
n-Undecane	3.19	2.48	3.60	2.43
1-Dodecane	1.63	2.15	1.61	1.77
n-Dodecane	6.20	5.97	5.51	1.46
1-Tridecane	0.46	0.37	1.26	0.29
n-Tridecane	2.35	2.50	3.75	1.54
TMOC (as Undecane)				561.99
TMDC (as Prilene)	223.00	451.22	371.97	445.30
	112.25	512.51	227.97	

Footnotes:  
 a. Concentration not calculated due to TIC limits or

**9NMOC WEEKLY REPORT**  
**SITE CODE: P2NJ**  
**All concentrations reported in  $\mu\text{g}/\text{C}$**

Sample No.:	06822	06855	07087	07230	0735801	073602
Sampling Date:	6/26/98	7/12/98	7/23/98	7/31/98	4/6/98	4/8/98
Analytical Date:	7/26/98	8/8/98	8/15/98	8/27/98	10/29/98	10/29/98
Ethylene	12.69	1.24	7.61	8.76	50.41	62.03
Acetylene/Butane	24.31	24.29	12.21	8.86	83.74	87.11
Propylene	7.05	7.37	3.10	2.90	14.86	14.91
Propane	195.58	11.41	5.31	9.82	ND	35.70
1-Propane	ND	ND	ND	ND	ND	ND
Isobutane	3.10	4.65	3.67	4.07	20.84	21.80
Isobutene/Isobutene	5.51	5.19	2.74	3.95	16.40	14.51
1,3-Butene/Sterane	0.76	ND	0.39	0.61	2.22	1.15
n-Butane	3.96	5.95	3.65	5.19	26.46	22.21
Trans-2-Pentene	0.65	0.65	0.55	1.49	3.67	3.19
2-Methyl-1-butene	0.72	0.77	0.26	0.60	2.04	2.72
3-Methyl-1-butene	0.31	0.20	0.17	0.24	1.68	1.27
Isopentane	19.99	7.10	8.31	11.59	62.48	63.01
1-Pentane	0.57	1.04	0.17	0.16	2.04	3.81
2-Methyl-1-pentane	1.22	1.16	0.92	0.71	4.31	4.08
2-Ethyl-1-butene	12.32	7.51	5.17	4.24	25.20	20.61
Isopentene	1.03	2.62	1.30	0.37	5.50	5.06
Isom-2-Pentene	1.40	1.43	1.39	1.12	5.30	5.79
iso-2-Pentene	0.52	0.73	0.20	ND	2.67	2.88
2-Methyl-2-butane	2.45	1.42	0.44	ND	7.14	6.35
2,2-Dimethylbutane	0.12	0.16	0.20	2.67	4.90	4.08
Cyclopentene	0.87	0.24	0.07	1.34	1.80	1.19
4-Methyl-1-pentene	0.33	ND	0.14	0.40	0.53	0.91
Cyclohexane	1.40	ND	0.51	1.65	3.70	3.77
2,3-Dimethylbutane	2.01	7.44	0.78	3.71	5.12	9.57
2-Methylpentane	6.08	1.00	2.78	26.28	42.78	37.49
3-Methylpentane	3.90	0.72	ND	17.82	27.51	29.05
1-Hexene	0.36	ND	0.14	ND	1.07	1.40
2-Methyl-1-pentane	0.44	ND	ND	0.76	1.24	1.14
2-Ethyl-1-butene	ND	4.75	ND	ND	ND	ND
n-Hexane	4.45	12.35	2.05	29.62	40.27	40.47
Isom-2-Hexane	0.55	0.26	0.12	0.13	2.49	1.66
tert-2-Hexene	0.42	1.15	0.11	1.14	1.15	1.00
Methylcyclopentane	1.92	1.44	1.39	0.87	16.40	17.38
2,3-Dimethylbutane	1.17	0.60	2.54	2.46	5.23	5.05
Benzene	5.77	4.02	7.60	3.29	16.02	17.48
Cyclohexene	1.05	1.26	0.35	2.01	4.34	4.84
2-Methylbenzene	2.72	2.52	0.99	5.12	10.28	10.86
2,3-Dimethylbenzene	1.36	1.67	0.66	1.18	6.11	6.39
3-Methylbenzene	3.41	2.90	1.08	2.18	42.04	11.77
1-Naphthalene	0.86	1.07	0.34	0.49	2.14	3.23
2,2,4-Trimethylbenzene	5.03	4.98	2.36	2.79	18.02	19.14
m-Naphthalene	1.53	2.90	0.90	1.55	8.18	7.42
Methylcyclohexane	1.67	3.67	0.58	0.42	5.59	7.42

**SNMOC WEEKLY REPORT**  
**SITE CODE: P2NU**  
**All concentrations reported in ppBC**

Sample No.	00022	06855	07087	07239	07340	07346
Sampling Date:	5/26/98	7/12/98	8/3/98	8/13/98	8/27/98	8/29/98
Analysis Date:	7/26/98					
2,2,3-Triethylpentane	0.89	0.99	0.35	0.53	2.60	4.91
2,3,4-Triisopropylbenzene	2.11	1.89	1.00	0.50	5.74	6.31
Toluene	30.87	27.60	8.42	44.91	115.47	126.75
2-Methylheptane	1.91	1.08	0.46	0.62	3.30	3.45
3-Methylheptane	0.95	0.79	0.51	0.61	3.22	3.30
1-Octene	0.66	1.03	0.26	0.22	1.66	1.15
n-Octane	1.24	1.02	0.62	0.77	3.14	3.25
Ellipticene	5.79	2.69	1.45	1.67	11.09	10.7
m-Xylenes-Xylene	10.10	6.61	4.72	5.48	38.04	36.80
Styrene	2.01	1.03	0.24	0.26	2.51	3.36
o-Xylene	3.61	3.64	1.97	1.76	12.77	13.19
1-Nitropropane	1.19	1.36	0.15	0.11	1.11	1.26
c-Nitropropane	0.77	1.01	0.40	0.51	3.51	3.51
Isopropylbenzene	0.21	0.26	0.19	N.D.	0.58	0.66
p-Nitropropane	3.39	3.83	0.60	0.49	4.10	2.01
n-Propylbenzene	0.82	1.21	0.57	0.39	2.40	2.91
m-Chlorobenzene	0.26	1.05	1.36	1.42	5.29	6.19
t-Ethylbenzene	1.49	1.10	0.67	0.64	4.06	5.13
1,2,5-Trimethylbenzene	1.62	>2	1.75	0.76	5.46	6.08
v-Ethyltoluene	1.89	2.32	0.70	0.71	4.74	5.84
o-Phenols	1.03	3.51	1.16	0.24	2.47	4.06
1-Decene	0.21	1.74	1.11	1.04	3.34	0.88
1,2,4-Triisopropylbenzene	4.48	5.06	1.94	2.24	15.26	15.40
n-Decane	7.37	7.97	0.56	0.59	7.62	5.80
1,2,3,7-Tetramethylbenzene	0.59	1.77	0.51	0.95	3.56	5.71
m-Diethylbenzene	1.04	0.90	0.60	0.45	2.76	3.67
t-Diethylbenzene	1.89	0.04	0.38	0.42	2.67	2.91
t-Undecene	4.29	5.06	1.35	1.36	2.86	3.34
m-Undecane	24.89	3.63	1.01	0.75	4.35	5.28
1-Dodecene	1.82	2.11	1.22	0.61	2.12	2.67
m-Dodecane	21.61	1.98	1.47	0.71	3.35	3.40
1-Tridecene	0.36	0.97	0.02	0.37	0.60	0.36
t-Tridecene	1.32	1.20	0.57	0.70	1.57	3.17
1,3-MOC Isobutylbenzene	55.87	35.42	100.37	317.78	1125.55	1164.23
TMOC Isobutylbenzene	224.47	217.61	106.83	261.43	313.15	442.83

Standards

a - Computed relative detection limit (FID/BellW-trail)

**SNMOC WEEKLY REPORT**  
**SITE CODE: P2N1**  
All concentrations reported in ppbC

Sample No.:	Sampling Date:	07/100	08/179	08527
Analyte Dsgn.		01696	8-1696	9-2096
		10/22/96	12/9/96	10/24/96
Ethylene	16.13	24.95	32.74	
Azetylene/Propane	15.38	25.07	33.09	
Propane	7.90	.. 10	16.08	
Propyne	7.74	16.55	9.54	
Isobutane	ND	1.0	ND	
Isobutene/2-methyl-	2.87	3.23	10.51	
1,3-butadiene	4.16	3.12	10.95	
n-butane	0.71	1.79	ND	
n-butene	3.88	10.36	25.61	
1,2-dim-2-butene	1.16	1.67	3.69	
2-dim-2-butene	1.02	1.13	2.70	
3-Methyl-1-butene	6.34	10.29	9.12	
Isopentane	15.72	32.15	41.04	
1-Pentene	1.20	2.54	2.08	
2-Methyl-1-butene	1.86	1.53	3.14	
n-Pentane	8.82	12.27	14.98	
Isoprene	1.31	2.34	1.87	
trans-2-Pentene	2.81	2.17	4.13	
cis-2-Pentene	1.17	1.19	.. 38	
2-Methyl-2-butene	3.16	3.01	6.30	
2,2-Dimethylbutane	1.27	1.41	1.45	
Cyclopentane	0.46	0.65	0.57	
4-Methyl-1-pentene	0.56	1.45	0.69	
Cyclohexane	0.79	1.62	1.95	
2,3-Dimethylbutane	2.08	2.17	4.29	
2-Methylpentane	ND	1.10	1.67	
3-Methylpentane	4.73	1.99	12.46	
1-Hexene	0.52	1.17	1.70	
2-Methyl-1-hexene	0.61	1.61	0.72	
2-Ethyl-1-butene	ND	1.07	ND	
n-Hexane	3.89	7.47	22.20	
Isop-2-Butene	0.55	0.72	1.13	
cis-2-Butene	0.37	0.78	0.64	
Methylcyclopentane	3.24	3.97	5.05	
2,4-Dimethylpentane	1.64	2.03	3.30	
Benzene	0.03	1.73	10.83	
Cyclohexene	0.66	1.12	2.78	
2-Methylpropane	3.35	4.11	5.97	
2,3-Dimethylpropane	2.47	2.05	3.97	
3-Methylpropane	3.91	6.91	6.47	
1-Hexene	1.13	1.44	1.94	
2,2,4,7-Tetmethylpentane	8.75	9.45	12.69	
n-Heptane	2.51	3.07	5.01	

**SNMOC WEEKLY REPORT**  
**SITE CODE: P2MJ**  
 All concentrations reported in ppbC

Sample No.:	07700	07700	08527
Sampling Date:	21/6/96	5/10/96	5/9/96
Analyte/ Date:	10/29/96	10/29/96	10/24/96
Methylcyclohexane	1.87	2.40	4.15
2,2,3-Trimethylpentane	1.93	2.03	2.91
2,3,4-Triethylpentane	3.01	3.21	4.90
Toluene	36.81	31.87	64.82
2-Methylheptane	1.64	1.50	2.46
3-Methylheptane	1.05	1.40	2.53
1-Octene	0.01	0.02	1.00
n-Octane	1.96	1.61	2.04
Ethylbenzene	4.96	5.11	8.05
m-Aminobiphenol	16.00	17.40	31.57
Biphenol	2.05	1.73	2.35
o-Xylylene	5.76	6.49	11.29
1-Nonane	0.53	0.43	1.01
m-Nonane	1.38	1.02	1.73
hexamethylbenzene	0.20	0.24	0.47
o-Pinene	1.16	1.50	2.20
n-Propylbenzene	1.24	1.39	2.06
m-Ethylbenzene	5.02	5.67	7.36
n-Ethylbenzene	2.36	1.90	3.24
1,3,5-Trimethylbenzene	2.40	2.45	3.97
n-Ethylmethylbenzene	9.12	5.17	9.46
n-Phenol	0.52	1.61	1.40
1-Decene	0.96	4.37	0.02
1,2,4-Triethylbenzene	7.50	4.55	11.26
n-Decane	2.25	1.64	4.96
1,2,3-Triethylbenzene	3.15	2.26	3.42
m-Diethylbenzene	1.61	0.11	2.25
n-Diethylbenzene	1.67	2.02	2.11
1-Linoleic	2.11	1.14	1.65
n-Undecane	2.37	1.80	2.94
1-Dodecane	1.13	2.08	1.66
n-Dodecane	1.93	1.04	1.91
1-Tridecene	0.57	0.72	0.26
n-Tridecane	1.40	0.59	2.5
TNMOC (1) Undetectable;	980.94	16.45	795.21
TMOC (2) Undetectable;	774.52	301.00	586.62

Footnotes:

a - Labeled and b - unlabeled due to FID flange out.

**SKMOC WEEKLY REPORT**  
**SITE CODE: RF-N**  
All concentrations reported in ppbC

Sample No.:	Sampling Date:	Analysis Date:	07/30/04	07/30/04	07/30/04
07045 7/14/05	07045 7/21/05	07142 7/26/05	07299 8/1/05	07365 8/7/05	07365 8/7/05
80165	80165	802195 8/21/05	80708 8/1/05	80708 8/7/05	80708 8/7/05
<b>Ethane</b>	0.86	0.65	0.98	0.62	0.73
<b>Acetone</b>	4.40	5.65	4.42	4.71	4.04
<b>Propane</b>	0.29	ND	0.45	0.30	0.60
<b>Propane</b>	2.27	4.07	5.92	4.42	3.56
<b>Propene</b>	ND	ND	ND	ND	ND
<b>Isobutane</b>	0.72	1.18	1.55	1.19	0.47
<b>Isobutene</b>	1.65	1.94	1.90	2.04	1.39
<b>1,3-Butadiene</b>	ND	ND	ND	ND	ND
<b>n-butane</b>	ND	2.09	3.31	2.31	1.87
<b>trans-2-Buene</b>	ND	ND	ND	ND	ND
<b>cis-2-Buene</b>	ND	ND	ND	ND	ND
<b>3-Methyl-1-butene</b>	0.36	ND	ND	ND	ND
<b>Isopentane</b>	1.17	1.05	3.52	2.43	3.05
<b>1-Pentene</b>	ND	ND	ND	ND	ND
<b>2-Methyl-1-pentene</b>	ND	ND	ND	ND	ND
<b>n-Pentane</b>	0.48	ND	ND	ND	1.20
<b>Heptane</b>	0.14	ND	0.12	ND	ND
<b>trans-2-Pentene</b>	0.03	ND	0.26	0.36	ND
<b>cis-2-Pentene</b>	ND	ND	0.14	ND	ND
<b>2-Methyl-2-butene</b>	0.51	ND	0.35	0.31	ND
<b>2,2-Dimethylbutane</b>	0.08	ND	0.42	0.06	ND
<b>Cyclopentane</b>	0.30	ND	0.22	0.51	0.17
<b>4-Methyl-1-pentene</b>	ND	ND	0.41	0.25	ND
<b>Cyclopentene</b>	0.19	ND	0.18	0.10	0.10
<b>2,3-Dimethylbutane</b>	1.29	ND	1.30	0.12	0.16
<b>2-Methylpentene</b>	4.06	4.21	5.13	0.67	1.77
<b>3-Methylpentane</b>	ND	ND	0.64	1.04	0.47
<b>1-Hexene</b>	ND	ND	ND	ND	ND
<b>2-Methyl-1-pentene</b>	ND	ND	ND	0.05	0.05
<b>2-Ethyl-1-butene</b>	ND	ND	ND	ND	ND
<b>n-Hexane</b>	0.46	0.73	0.52	0.90	0.66
<b>ceto-2-Hexene</b>	0.11	ND	0.71	ND	ND
<b>cis-2-Hexene</b>	0.15	ND	ND	ND	ND
<b>Methylcyclopentane</b>	0.34	ND	0.62	0.48	0.80
<b>2,4-Dimethylterephene</b>	0.42	ND	0.97	ND	0.07
<b>Benzene</b>	0.89	ND	0.66	1.02	0.81
<b>Cyclohexene</b>	0.28	ND	0.12	0.25	0.17
<b>2-Methylhexane</b>	0.34	ND	0.29	0.24	0.25
<b>2,3-Dimethylbutane</b>	ND	ND	ND	ND	ND
<b>3-Methylbutane</b>	2.61	0.76	1.48	0.11	0.33
<b>1-Hexene</b>	ND	ND	ND	ND	ND
<b>2,2,4-Trimethylpentane</b>	0.53	ND	0.67	0.68	0.19
<b>n-Hexane</b>	0.20	ND	0.34	0.48	0.32
<b>Methylcyclohexane</b>	1.26	ND	0.97	0.22	0.40

**SNMOC WEEKLY REPORT**  
**SITE CODE: RF-N**  
**All concentrations reported in ppbC**

Sample No.:	00896	07041	07142	07249	07341	07346
Sampling Date:	7/14/96	7/20/96	7/26/96	8/04/96	8/23/96	8/29/96
Analysis Date:	8/09/96	8/10/96	8/23/96	8/29/96	8/29/96	12/03/96
2,2,3-Timethylbenzene	0.16	0.04	0.12	0.14	0.70	ND
2,3,4-Trimethylpentane	0.53	0.06	0.08	0.25	ND	ND
Toluene	2.14	1.54	2.04	1.96	3.01	1.27
2-Methylheptane	0.35	0.20	0.17	0.10	0.29	0.18
1-Octene	0.19	0.21	0.26	0.05	0.17	0.08
3-Methylheptane	0.41	0.19	0.32	0.11	0.07	0.11
n-Decane	0.21	0.21	1.73	0.15	0.55	0.25
Ethylbenzene	1.92	0.29	0.67	0.21	0.36	0.39
m-Xylenep-Xylene	1.15	0.98	1.43	0.71	0.68	0.98
Syntane	2.45	1.22	0.25	0.22	1.57	1.28
o-Xylene	0.50	0.90	1.20	0.31	0.35	0.39
t-Hexane	ND	HD	1.16	0.18	0.18	0.08
n-Hexane	ND	0.37	0.29	0.77	0.40	0.46
Isopropylbenzene	0.34	0.14	0.16	0.11	ND	0.40
s-Pinene	2.10	1.18	1.74	1.78	0.91	1.13
n-Propylbenzene	ND	0.11	0.34	0.09	0.12	0.69
m-Ethyltoluene	0.37	0.41	0.55	0.47	0.32	0.36
p-Ethyltoluene	0.76	0.68	0.41	0.17	0.08	ND
1,3,5-Trimethylbenzene	0.37	0.06	0.11	0.05	0.11	0.21
o-Ethyltoluene	0.53	0.20	0.15	0.58	0.42	0.29
b-Pinene	3.74	1.54	7.15	7.26	0.95	0.89
1-Decene	0.67	0.40	0.58	2.37	0.24	0.32
1,2,4-Trimethylbenzene	5.58	3.72	3.25	2.76	1.44	1.14
n-Decane	0.83	0.46	0.38	0.92	1.50	0.18
1,2,3-Trimethylbenzene	0.24	0.29	0.13	1.56	1.69	1.24
m-Dimethylbenzene	0.86	0.67	0.69	0.42	0.25	0.21
p-Dimethylbenzene	1.86	0.73	1.15	0.46	0.25	0.22
n-Undecane	5.74	7.77	8.07	3.76	0.61	0.54
m-Undecane	3.47	1.67	0.66	1.92	8.59	1.13
1-Dodecane	2.50	1.21	2.63	0.69	0.74	0.27
n-Dodecane	4.94	1.73	1.02	8.83	1.76	1.76
1-Tridecane	0.90	1.22	0.26	0.08	0.29	0.29
n-Tridecane	2.24	1.13	0.86	0.71	2.24	0.58
TNmoc (n-Unknown)	221.49	148.98	158.45	113.01	104.57	98.20
TNmoc (o-Unknown)	74.69	-9.08	73.45	53.75	68.66	45.62

Footnotes:

o - Compound not analyzed due to FID limits and

**SNMOC WEEKLY REPORT**  
**SITE CODE: RF-N**

All concentrations reported In ppbC

Sample No.:	07072	07074	07077	08016
Sampling Date:	8/13/98	8/19/98	8/23/98	8/29/98
Analysis Date:	8/11/98	8/17/98	8/17/98	8/17/98
Ethylene	0.94	1.54	1.18	2.43
Acetone/Ethane	1.55	56.43	10.08	5.73
Propylene	0.91	7.55	1.14	0.56
Propane	1.09	42.13	6.79	3.35
Isobutane	0.33	14.59	2.21	1.91
Isobutene/1-butene	1.12	2.91	1.98	2.31
1,3-Butadiene	ND	ND	ND	ND
n-Pentane	1.14	37.57	4.73	8.59
trans-2-butene	ND	ND	ND	ND
cis-2-butene	ND	ND	0.07	ND
3-Methyl-1-butene	ND	ND	ND	ND
Isopentane	ND	ND	ND	ND
1-Pentene	0.68	1.57	0.06	ND
2-Methyl-1-butene	0.98	ND	0.06	ND
1-Pentane	1.11	13.22	1.50	3.55
Isopentene	0.72	ND	0.07	ND
trans-2-pentane	0.27	0.05	ND	ND
cis-2-Pentane	0.11	0.13	ND	ND
2-Methyl-2-butene	0.20	0.04	0.08	ND
2,2-Dimethylbutane	0.11	0.44	0.55	0.38
Cyclopentane	0.05	ND	0.15	0.23
4-Methyl-1-pentene	0.28	ND	ND	ND
Cyclohexane	0.04	1.26	0.22	0.26
2,3-Dimethylbutane	0.16	1.91	1.38	0.47
2,4-Dimethylbutane	1.00	5.42	1.70	2.32
3-Methylpentane	0.22	3.21	0.68	1.31
1-Hexene	ND	ND	ND	0.05
2,4-Methyl-1-hexene	0.06	0.12	0.14	0.41
2-Ethyl-1-butene	ND	ND	ND	ND
n-Hexane	0.37	6.67	1.46	1.82
trans-2-1-hexene	ND	0.36	ND	0.03
cis-2-Hexene	ND	0.03	ND	0.03
Methylcyclopentane	0.42	3.38	0.58	0.60
2,4-Dimethylcyclopentane	0.25	1.70	0.23	0.32
Benzene	0.54	2.20	1.68	2.41
Cyclohexene	0.14	1.19	0.31	0.38
2-Methylcyclohexene	0.20	1.07	0.67	0.62
2,3-Dimethylcyclohexene	0.16	1.31	0.44	0.55
3-Methylcyclohexene	0.69	4.70	0.97	1.09
1-Hexane	ND	0.36	0.12	0.27
2,2,4,Trimethylpentane	ND	0.71	0.19	1.91
n-Hexane	0.11	2.48	0.65	0.72
Methylcyclohexane	0.11	2.41	0.63	0.63

**SNMOC WEEKLY REPORT**  
**SITE CODE: RF-N**  
AU concentrations reported in ppbC

Sample No.:	07372	07374	07477	08015	08206
Sampling Date:	8/13/98	8/13/98	8/21/98	8/21/98	8/21/98
Analytical Date:	8/17/98	8/17/98	8/17/98	8/27/98	8/27/98
2,2,3-Timethylpentane	0.14	0.20	0.27	0.73	0.82
2,3,4-Trimethylpentane	ND	0.67	0.19	0.11	0.22
Toluene	0.89	4.28	3.25	2.48	8.34
2-Methylheptane	0.15	0.57	0.31	0.21	0.51
3-Methylheptane	ND	0.62	0.22	0.17	0.26
1-Cyclohexene	0.16	0.03	0.21	0.22	0.06
n-Dodecane	0.07	1.01	11.30	0.34	0.36
Ethylbenzene	0.42	0.39	0.75	0.84	0.83
m-Xylenes/p-Xylene	0.44	1.85	1.88	2.50	4.47
Styrene	0.61	0.15	0.88	1.95	2.19
o-Xylene	0.19	0.45	0.72	0.67	1.20
1-Hexene	ND	0.20	0.15	0.16	0.07
m-Nitroaniline	1.40	0.47	0.22	0.23	0.18
Heptadecane	0.97	0.12	0.87	0.29	0.36
p-Phenol	0.60	1.50	1.35	1.86	1.16
n-Propylbenzene	0.07	0.30	0.45	0.24	0.31
m-Ethyltoluene	0.24	0.60	0.59	0.77	0.40
p-Ethyltoluene	0.65	0.25	0.21	0.13	0.65
1,3,5-Trimethylbenzene	0.08	0.26	0.22	0.26	0.19
o-Ethyltoluene	0.14	0.47	0.27	0.37	0.22
b-Phenol	0.62	8.38	1.13	1.35	ND
1-Decene	0.21	0.88	0.34	0.61	1.38
1,2,4,5-Tetramethylbenzene	0.42	3.10	3.47	4.15	0.24
n-Decane	0.08	1.60	0.26	0.31	0.73
1,2,3-Tri methylbenzene	0.85	1.19	8.39	2.12	0.05
n-Dimethylbenzene	0.21	0.29	0.25	0.76	0.59
p-Diethylbenzene	0.17	0.75	0.83	0.64	ND
1-Undecene	0.51	10.42	1.89	1.25	1.43
n-Undecane	0.46	6.74	0.44	4.07	0.04
1-Dodecane	0.77	3.47	1.15	1.17	0.72
m-Dodecane	1.13	8.78	6.48	1.08	1.16
1-Tridecene	0.75	1.72	0.53	0.43	1.04
n-Tridecane	0.78	3.19	0.62	0.26	0.39
					0.77
TNmoc [w/unknown]	70.45	337.88	171.32	176.21	157.53
TNmoc (ppbized)	26.70	276.38	100.07	97.61	92.64

Fuduations:  
■ - Compound not analyzed due to FID flame out

**ENOC WEEKLY REPORT**  
**SITE CODE: RF-W**  
**All concentrations reported in ppbC**

Sample No.:	00317
Sampling Date:	04/10/98
Analyte Data:	10-1494
Ethylene	0.45
Acetylene/Ethene	2.28
Propylene	0.53
Propane	0.61
Propyne	ND
Isobutane	0.49
Isobutene/Isobutane	2.24
1,3-Butadiene	ND
n-Butane	0.60
trans-2-Butene	ND
cis-2-Butene	ND
3-Methyl-1-butene	ND
Isopentane	0.76
1-Pentene	ND
2-Methyl-1-butene	ND
n-Pentane	0.42
Isopentane	ND
trans-2-Pentene	ND
cis-2-Pentene	0.10
2-Methyl-2-butene	ND
2,2-Dimethylpropane	ND
Cyclopentane	ND
4-Methyl-1-pentene	ND
Cyclohexane	ND
2,3-Dimethylbutane	0.77
2-Methylpentane	1.63
3-Methylpentane	0.23
1-Hexene	ND
2-Methyl-1-hexene	ND
2-Ethyl-1-butene	ND
n-Hexane	0.21
trans-2-hexene	ND
cis-2-Hexene	ND
Methylcyclopentane	0.94
2,4-Dimethylpentane	0.09
Benzene	0.98
Cyclohexene	0.03
2-Methylthiobutane	0.15
2,3-Dimethylpropane	0.26
3-Methylbutane	1.42
t-Hexene	0.05
2,2,4-Trimethylpentane	0.92
n-Hexene	0.12
Methylcyclohexane	0.16

**ENOC WEEKLY REPORT**  
**SITE CODE: RF-N**  
**All concentrations reported in ppbC**

Sample No.:	00017
Sampling Date:	9/12/98
Analyte Name:	10/14/98
2,2,3-Timethylpentane	0.08
2,3,4-Timethylpentane	0.41
Toluene	1.50
2-MethylPentane	0.16
3-Methylheptane	1.20
1-Octane	0.07
n-Octane	0.16
Ethane	0.20
m-Xylene/p-Xylene	0.44
Styrene	1.29
o-Xylene	0.18
1-Butene	0.07
n-Butene	ND
Isobutene	ND
o-Butylbenzene	1.35
e-Phene	0.14
m-Propylbenzene	0.34
m-Ethyltoluene	0.05
p-Ethyltoluene	0.06
1,3,5-Trimethylbenzene	0.06
o-Ethyltoluene	0.06
t-Phene	2.08
1-Decane	0.36
1,2,4-Timethylbenzene	10.24
n-Decane	0.17
1,2,3-Timethylbenzene	2.26
m-Dimethylbenzene	0.36
p-Dimethylbenzene	0.17
1-Undecane	2.12
m-Undecane	0.67
t-Undecane	1.62
n-Dodecane	0.91
1-Tetradecane	0.54
t-Tetradecane	0.64

ENOC (w/unknown)  
 ENOC (estimated)

BD 31  
 45.4)

Fudnotes:

a - Computed not analyzed due to FID failure!

**SNMOC REPORT**  
**SITE CODE: SL1U**  
**All concentrations reported in ppbC**

Sample No.:	08491	07008	07169D1	07169D2
Sampling Date:	6/24/95	7/21/95	7/26/95	7/27/95
Analyte Date:	7/24/95	7/23/95	6/23/95	6/23/95
Ethylene	2.81	2.37	3.29	6.22
Acetylene/Ethane	4.98	5.36	5.89	5.49
Propylene	5.05	0.29	1.51	5.07
Propane	0.22	0.00	3.75	13.80
Propyne	ND	ND	ND	ND
Isobutene	2.49	ND	b	ND
Isobutene/1-butene	1.98	ND	b	ND
1,3-Butadiene	ND	ND	b	ND
Isobutene	4.00	ND	b	ND
trans-2-butene	0.11	ND	b	ND
cis-2-butene	0.36	ND	b	ND
3-Methyl-1-butene	ND	ND	b	ND
Isopentane	6.58	ND	b	ND
1-Pentane	0.61	ND	b	ND
2-Methyl-1-butene	0.24	ND	b	ND
n-Pentane	3.74	ND	b	ND
Isoprene	0.92	0.50	1.46	16.49
cis-2-Pentene	0.17	0.97	0.54	2.72
cis-1-Pentene	ND	0.34	0.28	1.42
2-Methyl-2-butene	ND	0.68	0.83	1.33
2,2-Dimethylbutane	0.40	c	0.41	0.08
Cyclopentane	0.33	1.0	0.06	0.36
4-Methyl-1-pentene	0.34	ND	0.30	0.12
Cyclohexane	0.64	1.80	0.28	0.76
2,2-Dimethylbutane	ND	2.34	0.76	2.39
2,4-Dimethylbutane	2.16	6.25	25.97	40
2-Methylpentane	1.43	1.35	1.41	5.27
1-Hexene	ND	1.5	ND	ND
2-Methyl-1-pentene	0.69	6.47	0.28	0.71
2-Ethyl-1-butene	ND	1.0	ND	ND
n-Hexane	2.28	9.09	2.79	9.37
trans-2-Methane	0.10	0.16	0.17	0.17
cis-2-Hexene	ND	cP	0.17	0.26
Methylcyclopentane	0.55	5.12	1.62	4.00
2,4-Dimethylpentane	0.34	c	0.61	1.00
Benzene	5.01	6.77	4.04	6.10
Cyclohexene	0.66	9.15	1.81	8.10
2-Acetylhexane	0.79	2.28	2.43	2.24
2,3-Dimethylpentane	0.61	2.37	2.01	3.48
2,3-Dimethylpentane	0.89	c	0.67	4.70
1-Methylheptane	ND	0.91	2.65	0.80
1,2,4,7-Tetramethylpentane	1.99	4.39	8.01	7.03
n-Hexadecane	1.22	4.71	7.23	4.81
Methylcyclohexane	0.14	2.63	10.85	3.76

**ENMOC REPORT**  
**SITE CODE: SL4U**

All concentrations reported in ppbC

Sample No.:	Sampling Date	Analysis Date	071630B H27/04/04 7/28/04	0704B H27/04/04 7/28/04	071630I H27/04/04 8/22/04	071702C H27/04/04 8/22/04
2,2,3-Triethylbenzene	0.26	1.63	0.06	2.34	1.34	0.86
2,2,4,3-Trimethylbenzene	0.81	1.32	0.88	2.30	2.35	2.06
<b>Yohimbane</b>	9.25	16.48	31.89	27.71	23.47	30.41
2-Acetylheptanoic acid	0.22	0.35	0.93	1.30	1.45	2.22
3-Methylheptane	0.39	1.79	1.89	1.21	1.36	2.01
1-Octene	0.27	0.42	0.26	0.78	0.41	0.95
n-Octane	0.60	2.43	1.09	2.16	2.72	3.54
Ethylbenzene	0.08	1.70	1.50	2.89	2.82	4.06
m-Xylenes-Xylene	3.75	7.62	6.16	11.23	11.89	16.71
Styrene	0.73	1.91	0.51	2.65	1.63	5.13
o-Xylene	1.35	2.35	1.03	3.56	4.36	2.41
1-Hexene	0.74	0.22	N.D.	0.32	0.42	N.D.
n-Hexane	0.48	1.22	0.61	1.17	1.36	3.71
Isopropylbenzene	NC	0.50	0.13	0.14	0.24	0.46
o-Pinene	1.46	2.11	1.03	0.26	0.61	1.86
n-Propanoate	0.28	0.47	0.37	0.62	0.74	0.93
n-Ethylacetate	0.83	1.26	1.10	2.30	2.93	3.14
p-Ethylacetate	0.52	0.56	1.12	1.09	1.21	1.29
1,3,5-Trimethylbenzene	0.52	0.82	0.30	1.22	1.52	2.15
o-Ethyltoluene	0.54	0.73	0.60	1.32	1.17	1.87
o-Pinene	NC	1.42	0.34	1.15	1.31	1.77
1-Decane	1.47	NC	0.10	NC	0.29	0.91
1,2,4-Trimethylbenzene	1.16	2.17	1.15	3.26	3.64	4.20
n-Decane	3.15	3.77	0.77	1.69	1.69	14.33
1,2,3-Trimethylbenzene	3.10	1.13	0.17	1.17	1.41	1.43
m-Diethylbenzene	0.40	0.50	0.71	1.20	1.60	1.88
p-Diethylbenzene	0.59	0.27	0.77	1.19	1.21	1.79
1,4-Dimethane	2.26	1.27	1.86	2.02	1.34	1.49
n-Dodecane	1.22	12.51	2.22	6.23	2.56	52.86
1-Dodecene	0.65	0.74	0.34	1.00	1.32	1.04
n-Dodecane	3.41	8.32	0.81	5.09	2.46	62.82
1-Tridecene	0.24	0.56	0.07	0.10	0.43	1.52
n-Tridecane	0.94	3.29	0.63	2.77	1.11	16.80
THMOC (not Unknwn)	148.30	276.64	247.57	358.77	335.78	681.58
THMOC (as calculated)	99.25	135.63	177.09	277.93	259.89	588.34

Footnotes:

- a - Compound not analyzed due to FID flame out
- b - Compound not analyzed due to water effects in portion of chromatogram

**SNMOC WEEKLY REPORT**  
**SITE CODE: SL1U**  
**All concentrations reported in ppbC**

Sample No.:	Sampling Date:	Analysis Date:	07340 8/14/96 012696	07139 8/14/96 012696	07428 8/19/96 012696	07610 8/12/96 012696	0788601 8/13/96 012696
Ethylene	8.08	7.10	7.46	11.13	6.14	6.22	
Acetylene/Ethane	7.56	:0.49	13.12	18.65	9.51	9.10	
Propylene	6.72	4.04	ND	17.71	2.47	2.61	
Propane	4.83	8.18	20.92	38.29	9.44	8.38	
Isobutane	ND	ND	ND	ND	ND	ND	
Isobutene-1-butene*	2.87	3.51	11.68	28.56	4.41	4.50	
Isobutene-1-butene*	2.93	2.51	2.89	6.46	2.52	2.17	
1,3-Butadiene	ND	0.67	ND	0.61	0.36	0.44	
n-butane	13.75	9.44	17.40	31.94	8.84	9.84	
trans-2-butene	0.21	0.22	0.77	1.75	0.44	0.23	
cis-2-butene	0.35	0.35	0.33	0.69	0.34	0.26	
3-Methyl-1-butene	0.26	0.26	0.24	0.47	0.14	0.08	
Isopentane	21.65	16.06	19.17	31.93	13.62	14.04	
1-Pentane	0.53	0.54	1.30	1.62	ND	ND	
2-Methyl-1-butene	1.11	1.20	0.28	1.50	0.57	0.42	
n-Pentane	12.47	9.66	ND	29.44	8.15	8.15	
Isopentene	2.14	2.07	ND	1.16	1.72	1.73	
trans-2-Pentene	1.41	0.94	0.74	1.54	0.60	0.65	
cis-2-Pentene	0.78	0.47	0.61	1.18	0.43	0.35	
2-Methyl-2-butene	1.78	1.25	1.45	2.16	1.16	1.32	
2,2-Dimethylbutane	0.92	0.67	2.47	ND	0.77	0.52	
Cyclopentane	0.28	0.24	0.63	0.38	0.11	ND	
4-Methyl-1-pentene	0.26	0.25	0.79	0.84	0.29	ND	
Cyclopentene	0.79	1.69	0.83	1.84	0.68	ND	
2,3-Dimethylbutane	2.15	1.62	1.66	4.54	1.60	ND	
2-Methylpentane	7.55	6.31	9.06	17.27	5.14	4.69	
3-Methylpentane	4.86	3.45	6.01	10.05	3.15	3.20	
1-Hexene	0.40	0.37	0.13	ND	0.22	0.38	
2,4-Dimethyl-1-pentene	0.40	0.29	0.59	0.86	0.21	0.32	
2-Ethyl-1-butene	ND	ND	ND	ND	ND	ND	
n-Hexane	7.57	5.42	8.45	17.80	5.51	5.48	
trans-2-Hexene	0.61	0.46	0.35	0.59	0.27	0.26	
cis-2-Hexene	0.30	0.23	0.25	0.48	0.11	0.25	
Heptane	3.27	2.28	3.32	7.04	2.42	2.42	
2,4-Dimethylpentane	2.04	1.63	2.19	2.88	1.49	1.49	
Benzene	0.83	0.75	0.53	12.22	6.51	6.39	
Cyclohexane	2.07	1.42	2.40	6.25	1.55	1.46	
2,3-Dimethylpentane	3.57	2.50	3.21	8.00	2.20	1.80	
3-Methylhexane	3.95	3.95	2.03	4.61	2.25	2.25	
1-Heptene	0.64	0.64	0.76	1.98	0.60	0.59	
2,2,4-Trimethylpentane	6.46	5.62	7.14	8.30	5.01	5.03	
Heptane	3.25	2.19	4.50	11.28	2.52	2.73	
Methylcyclohexane	2.65	1.67	2.60	9.62	1.62	1.91	

**SNMOC WEEKLY REPORT**  
**SITE CODE: SL1U**

**All concentrations reported in ppbC**

Sample No.:	07340	07339	07429	07610
Sampling Date:	8/11/96	8/12/96	B1896	B112086
Analytical Date:	8/12/96	8/29/96	B194	B112096
<b>2,2,3,7-timethylpentane</b>	1.54	1.10	1.20	1.04
<b>2,3,4,7-timethylpentane</b>	2.67	1.91	2.54	1.72
<b>Toluene</b>	31.80	21.98	25.76	21.67
<b>2-Methylheptane</b>	1.29	0.75	1.42	0.81
<b>3-Methylheptane</b>	1.45	0.92	1.20	0.93
<b>1-Octene</b>	1.04	0.63	0.75	0.59
<b>n-Octane</b>	1.58	0.89	2.02	1.43
<b>Ethylbenzene</b>	3.70	2.51	2.76	1.96
<b>m-Xylenep-Xylene</b>	15.01	11.58	11.10	8.98
<b>Styrene</b>	1.62	1.70	0.62	0.48
<b>o-Xylene</b>	5.38	3.77	3.86	2.97
<b>t-Hexane</b>	0.92	0.30	0.16	0.24
<b>n-Hexane</b>	1.00	0.69	1.31	1.15
<b>Isopropylbenzene</b>	0.19	0.08	0.10	0.06
<b>n-Pentane</b>	1.03	0.95	1.05	1.00
<b>n-Pentylbenzene</b>	0.85	0.68	0.81	0.80
<b>m-Ethyltoluene</b>	3.50	2.73	2.54	2.14
<b>p-Ethyltoluene</b>	1.72	1.14	1.17	0.90
<b>1,2,5-Triisobutylbenzene</b>	2.05	1.42	1.51	1.15
<b>o-Ethyltoluene</b>	1.22	0.97	1.10	1.04
<b>o-Pentane</b>	0.14	0.23	0.30	0.37
<b>t-Pentane</b>	1.17	1.01	1.20	1.56
<b>1,2,4-Trimethylbenzene</b>	5.42	2.45	3.40	2.40
<b>n-Decane</b>	1.36	0.90	1.24	1.20
<b>1,2,3-Trimethylbenzene</b>	1.50	1.03	0.91	0.98
<b>m-Diethylbenzene</b>	0.92	1.22	0.98	0.51
<b>p-Diethylbenzene</b>	1.75	1.20	1.84	0.56
<b>1-Undecene</b>	1.39	1.51	1.15	1.26
<b>n-Undecane</b>	2.18	1.59	1.41	1.48
<b>1-Decene</b>	1.40	1.21	0.95	0.47
<b>n-Dodecane</b>	2.69	2.62	0.97	1.14
<b>1-Tridecane</b>	0.42	0.33	0.13	ND
<b>n-Tridecane</b>	1.87	2.25	1.17	0.43
<b>TMMOC (not quantified)</b>	349.07	294.34	289.35	267.71
<b>TMMOC (spiked)</b>	259.41	298.62	235.61	262.43

Footnotes:

a - Compound not analyzed due to FID failure

b - Compound not analyzed due to sample (matrix) Interference

**SNMOC WEEKLY REPORT**  
**SITE CODE: SL1U**  
**All concentrations reported in ppbC**

Sample No.:	08456D1	08456D2
Sampling Date:	9/23/96	9/23/96
Analysis Date:	10/22/96	10/22/96
Ethylene	21.13	21.00
1,3-Dimethyl-Ethane	40.93	37.26
Propene	10.74	10.40
Propane	33.64	31.26
Propyne	ND	ND
Isobutane	19.43	21.31
Isobutene/Ethene-butene	9.58	7.16
1,3-Buadiene	1.65	1.17
n-butane	44.74	48.61
trans-2-Buene	2.42	4.07
cis-2-Buene	1.23	1.76
3-Methyl-1-butene	0.73	0.83
2-Methyl-2-butene	55.56	57.44
1-Pentene	2.98	2.20
2-Methyl-1-pentene	3.29	2.03
n-Pentane	20.04	25.06
Bipropene	0.97	2.63
trans-2-Pentene	ND	1.85
cis-2-Pentene	1.35	1.40
2-Methyl-2-pentene	5.74	0.14
2,2-Dimethylbutane	2.37	1.84
Cyclopentane	0.67	0.53
4-Methyl-1-pentene	0.71	0.94
Cyclopentane	ND	1.97
2,3-Dimethylbutane	ND	5.07
2-Methylbutane	17.94	17.19
3-Methylpentane	11.17	11.20
t-Heptane	1.16	1.93
2-Methyl-1-pentene	0.96	0.96
2-Ethyl-1-butene	ND	1.02
n-Hexane	17.85	17.78
trans-2-Hexene	1.21	1.15
cis-2-Hexene	0.93	1.02
Methylcyclopentane	7.90	6.06
2,4-Dimethylpentane	4.40	4.37
Pentane	17.14	17.30
Cyclohexane	9.24	8.29
2-Methylhexane	7.35	7.57
2,2-Dimethylcyclohexane	7.03	5.74
3-Methylhexane	7.51	7.00
1-Hexene	1.90	1.52
2,2,4-Trimethylpentane	13.56	13.47
n-Heptane	8.16	8.37
Methylcyclohexane	7.88	8.16

## ENMMC WEEKLY REPORT

SITE CODE: SL1U

All concentrations reported in ppbC

Sample No.:	08486DP
Sampling Date:	9/23/96
Analysis Date:	10/22/96
2,2,3-Trimethylpentane	2.53
2,3,4,7-Tetraethylbenzene	4.66
Toluene	48.32
2-Methylheptane	3.02
3-Methylheptane	4.30
1-Octane	2.27
n-Octane	5.41
Ethylbenzene	6.23
m-Xylene/p-Xylene*	27.27
Syrene	1.63
n-Xyleno	8.76
1,4-Diene	1.14
1,3-Diene	6.53
Heptamethylbenzene	0.17
o-Ethylbenzene	2.07
n-Ethylbenzene	1.40
m-Ethylbenzene	5.29
p-Ethylbenzene	2.60
1,3,5-Triethylbenzene	3.56
o-Ethynylbenzene	2.36
n-Phenae	0.56
1-Decane	1.10
1,2,4-Trimethylbenzene	8.00
n-Decane	3.21
1,2,3-Trimethylbenzene	1.12
m-Diethylbenzene	1.21
p-Diethylbenzene	1.98
1,4-Undecane	0.43
n-Undecane	2.33
1-Dodecane	0.43
n-Dodecane	1.29
1-Tridecane	0.19
n-Tridecane	0.52
n-Indecane	0.01

ENMMC (w/ unknowns) 689.39  
 ENMMC (specified) 505.42

Footnotes:  
 \* - Compound not analyzed due to FID failure.

†

**SNMOC REPORT**  
**SITE CODE: WELBY**  
**All concentrations reported in ppbc**

Sample No.:	Sampling Date:	Analytic Date:	06803	07056	07044	06910	07044	07029D1
Sampling Date:	8/20/96	Analytic Date:	8/21/96	8/21/96	7/12/96	7/16/96	7/20/96	7/22/96
Ethylene	7.54	7.81	2.13	10.11	ND	ND	5.44	12.19
Acetylbenzene	40.62	22.94	6.20	1.39	ND	ND	11.85	19.59
Propene	4.42	6.20	15.30	9.44	ND	ND	4.08	8.00
Propane	39.53	15.30	ND	ND	ND	ND	10.44	12.36
Propyne	ND	ND	ND	ND	ND	ND	ND	0.76
Isobutane	10.67	10.36	7.08	7.08	11.01	ND	ND	5.39
Isobutene	9.02	4.27	1.68	1.68	2.17	ND	ND	4.16
1,3-Butadiene	0.09	ND	ND	ND	ND	ND	ND	0.31
1-Butanol	24.08	19.81	14.42	14.42	22.26	22.26	10.24	13.94
trans-2-Butene	0.26	0.55	1.36	1.36	0.87	0.87	0.46	1.06
cis-2-Butene	0.15	0.52	1.67	1.67	1.57	1.57	0.28	0.66
3-Methyl-1-butene	ND	ND	ND	ND	ND	ND	ND	0.21
Isopentane	15.42	21.68	35.15	35.15	33.30	33.30	23.20	31.76
3-Pentene	ND	ND	ND	ND	ND	ND	ND	ND
2-Methyl-1-pentene	ND	ND	ND	ND	ND	ND	ND	ND
1-Pentene	ND	ND	ND	ND	ND	ND	ND	ND
Heptane	ND	ND	1.12	1.40	0.40	0.30	ND	ND
trans-2-Pentene	ND	ND	1.93	1.27	1.27	1.06	ND	ND
cis-2-Pentene	ND	ND	0.75	0.98	0.98	0.61	ND	ND
2-Methyl-2-butene	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dimethylbutane	0.56	0.42	22.13	22.13	19.45	12.69	ND	ND
Cyclopentane	0.05	ND	ND	ND	ND	ND	ND	ND
4-Methyl-1-pentene	0.13	ND	ND	ND	ND	ND	ND	ND
Cyclopentane	0.79	1.29	ND	ND	ND	ND	ND	ND
2,3-Dimethylbutane	0.64	0.46	1.16	1.16	1.23	ND	ND	ND
2-Methylpentane	4.19	4.38	4.38	4.38	ND	ND	ND	ND
3-Methylpentane	2.81	4.95	ND	ND	ND	ND	ND	ND
1-Hexane	ND	ND	ND	ND	ND	ND	ND	ND
2-Methyl-1-hexene	0.28	0.63	ND	ND	ND	ND	ND	ND
2-Ethyl-1-hexene	ND	ND	ND	ND	ND	ND	ND	ND
1-Hexene	5.67	5.40	ND	ND	ND	ND	ND	ND
alpha-2-Hexene	0.06	0.37	ND	ND	ND	ND	ND	ND
cis-2-Hexene	0.07	1.12	ND	ND	ND	ND	ND	ND
Methylcyclopentane	2.16	2.22	ND	ND	ND	ND	ND	ND
2,4-Dimethylpentane	0.65	1.05	ND	ND	ND	ND	ND	ND
Benzene	4.16	5.41	ND	ND	ND	ND	ND	ND
Cyclohexane	1.63	1.23	ND	ND	ND	ND	ND	ND
2-Methylcyclohexane	1.51	1.39	ND	ND	ND	ND	ND	ND
2,3-Dimethylpentane	0.55	1.40	ND	ND	ND	ND	ND	ND
3-Methylpentane	6.06	5.54	ND	ND	ND	ND	ND	ND
1-Heptene	0.54	0.65	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	1.73	0.69	ND	ND	ND	ND	ND	ND
1-Heptane	2.17	2.24	ND	ND	ND	ND	ND	ND
Methylcyclohexane	2.18	1.69	ND	ND	ND	ND	ND	ND

**SNMMOC REPORT**  
**SITE CODE: WELBY**  
**All concentrations reported in ppbC**

Sample No.:	06803	06264	06910	07044
Sampling Date:	7/10/96	7/12/96	7/16/96	7/20/96
Analysis Date:	8/2/96	8/2/96	8/9/96	8/14/96
2,2,3-Trimethylpentane	0.57	0.42	0.73	1.24
2,2,4-Trimethylpentane	0.15	0.08	0.20	0.20
Toluene	6.78	2.88	9.21	15.02
2-Methylheptane	1.75	1.53	0.24	0.69
3-Methylheptane	0.53	0.65	0.40	0.07
1-Octane	0.38	0.37	0.10	0.19
n-Octane	1.12	1.53	0.40	1.30
Ethylbenzene	1.10	1.71	1.15	2.30
m-Xylenes-p-Xylene	3.91	7.84	2.65	7.06
Styrene	1.54	6.60	4.56	1.19
o-Allylne	1.22	4.08	0.98	2.47
1-Nonene	0.30	0.31	1.33	0.73
n-Hexane	0.79	0.50	0.52	0.98
Isopropylbenzene	0.08	0.20	ND	0.02
o-Phen	1.43	0.57	1.86	0.37
n-Propanethane	1.08	0.44	1.11	1.01
m-Ethylbenzene	1.41	1.60	0.71	2.02
p-Ethylbenzene	0.40	0.89	0.36	0.85
1,2,3-Trimethylbenzene	0.57	1.41	0.35	0.60
o-Ethyltoluene	0.15	0.91	0.76	1.05
o-Phenane	13.27	2.25	8.50	10.00
1-Decene	1.47	ND	ND	2.53
1,2,4,1-Trimethylbenzene	1.78	4.45	2.55	0.98
n-Decane	0.43	1.76	0.77	1.52
1,2,3,7-Tetramethylbenzene	0.16	1.02	0.41	1.07
m-Diethylbenzene	0.46	0.24	0.56	0.27
p-Diethylbenzene	1.56	2.21	1.61	0.55
1-Linoleene	25.17	1.04	6.24	14.10
n-Linoleane	0.35	1.92	5.64	1.47
1-Pentene	7.96	1.33	3.28	2.10
n-Dodecane	1.06	2.23	5.50	1.04
1-Tridecene	1.61	1.47	0.02	1.20
n-Tridecane	0.26	1.42	1.01	0.92
				0.75

TMKOC (w/unknown):  
 TMKOC (speciated):

442.07  
 265.72

444.01  
 228.02

361.32  
 232.11

386.01  
 298.30

Footnotes:  
 a. Compound not analyzed due to FID flame-out  
 c. Compound not analyzed due to sample (matrix) interference

**SNMDC REPORT**  
**SITE CODE: WELBY**  
**All concentrations reported in ppbC**

Sample No.:  
 Sampling Date:  
 Analysis Date:

01032D2  
 7/22/96  
 8/21/96

07106  
 7/24/96  
 8/13/96

Ethylene	13.18	0.37	2.77	3.84	17.51	14.28
Acetylene/Ethene	21.60	37.29	6.81	14.59	35.34	28.55
Propylene	6.16	11.16	2.07	2.87	7.08	8.16
Propane	13.72	30.57	4.03	11.64	17.80	17.28
Propyne	0.28	ND	ND	ND	0.46	ND
Isobutane	5.61	10.16	1.96	ND	8.67	8.07
Isobutene/1-Butene	4.38	2.65	3.04	2.88	5.97	6.52
1,3-Butadiene	1.07	ND	0.20	ND	0.86	1.18
n-Butane	13.30	23.40	6.78	8.15	21.31	22.00
trans-2-Butene	1.40	ND	0.25	0.17	1.76	1.73
cis-2-Butene	0.72	ND	1.33	0.15	1.14	1.28
3-Methyl-1-butene	0.27	ND	ND	0.05	0.43	0.51
Isopentane	32.46	21.51	6.43	14.59	48.58	41.86
1-Pentene	1.75	7.12	0.22	1.17	1.46	1.54
2,4-Methyl-1-pentene	1.07	0.26	0.31	0.32	2.45	2.09
n-Pentane	16.70	14.03	1.79	7.89	23.27	24.32
Isopentane	1.70	0.51	0.42	0.81	0.92	1.32
trans-2-Pentene	1.65	1.30	0.41	0.49	2.03	2.25
cis-2-Pentene	1.30	6.32	0.18	0.24	1.75	0.66
2-Methyl-2-butene	1.75	0.37	0.39	0.26	0.07	2.16
2,3-Dimethylbutene	2.00	0.10	0.36	0.40	1.94	1.36
Cyclopentane	0.24	0.20	0.18	ND	0.45	0.34
4-Methyl-1-pentene	0.50	ND	0.10	0.47	0.24	0.24
Cyclopentene	1.51	1.26	0.57	0.77	1.76	1.66
2,3-Dimethylbutane	2.36	1.14	0.02	0.87	ND	2.86
2-Methylpentane	10.85	6.76	4.19	4.98	ND	ND
3-Methylpentane	0.75	0.40	0.08	ND	ND	ND
1-Hexene	ND	ND	ND	ND	ND	ND
2-Methyl-1-pentene	ND	ND	ND	D 10	1.04	0.24
2-Ethyl-1-butene	ND	ND	ND	ND	ND	ND
n-Hexane	ND	ND	ND	ND	ND	ND
trans-2-Hexene	ND	ND	ND	ND	ND	ND
cis-2-Hexene	ND	ND	ND	ND	ND	ND
Methylcyclohexane	0.32	5.66	3.96	17.90	7.34	14.99
2,4-Dimethylpentane	1.52	11.70	0.56	0.73	2.36	1.97
Benzene	9.22	12.37	2.95	3.49	2.25	13.00
Cyclohexane	1.96	5.23	0.21	0.19	5.78	6.64
2-Methylbenzene	3.40	0.26	0.16	ND	0.40	0.06
2,3-Dimethylbenzene	1.77	0.51	2.17	1.21	4.85	4.05
2,4-Dimethylbenzene	4.33	7.86	0.72	0.85	3.38	2.46
1-Hexene	1.06	ND	0.56	ND	ND	ND
2,2,4-Trimethylpentane	4.98	ND	0.50	0.42	1.90	1.38
m-Hexane	2.91	ND	1.39	1.65	2.34	8.41
Heptane	2.15	ND	2.24	1.53	4.72	3.21
n-Heptane	ND	ND	ND	ND	ND	ND
Methylcyclohexane					2.68	3.13

**SIMOC REPORT**  
**SITE CODE: WELBY**  
**All concentrations reported in ppbC**

Sample No.	0703202	07105	07141	07160	07214	07256
Sampled Date:	7/22/96	7/24/96	7/26/96	7/26/96	7/28/96	7/29/96
Analysis Date:	8/23/96	8/19/96	8/21/96	8/20/96	8/28/96	8/28/96
2,2,3-Trimethylpentane	1.09	0.39	0.51	0.37	1.41	1.21
2,3,4-Trimethylpentane	1.50	0.42	0.47	0.53	2.14	1.88
Toluene	21.93	7.77	10.45	8.71	34.86	26.13
2-Methylheptane	1.17	3.45	0.40	0.71	1.25	1.86
3-Methylheptane	0.35	4.96	0.77	0.50	1.83	0.42
1-Octane	1.41	1.13	0.16	0.17	0.61	1.84
n-Octane	1.46	1.53	0.58	0.82	2.62	2.03
Ethylbenzene	3.71	1.96	2.15	1.45	5.16	4.40
n-Xylylene-Xylene	13.49	4.25	6.37	5.46	16.68	15.61
Styrene	1.23	0.81	2.76	0.72	1.82	1.34
cXylene	4.43	1.68	2.54	2.77	7.15	6.10
1-Nonene	0.25	0.05	0.38	0.22	0.26	0.21
n-Nonane	0.95	0.53	0.41	0.60	1.12	1.10
Isopropylbenzene	0.20	NC	0.14	0.14	0.26	0.20
o-Pentene	1.63	2.31	1.92	0.68	1.17	0.90
m-Propylbenzene	1.09	0.61	0.80	0.07	1.47	1.05
m-Ethyltoluene	3.77	1.87	2.01	1.62	5.68	4.41
p-Ethyltoluene	1.57	0.79	0.97	0.66	2.22	1.83
1,2,5-Trimethylbenzene	1.89	0.90	1.16	0.66	2.54	2.24
p-Ethyltoluene	1.63	0.78	0.72	0.86	2.34	1.86
Isobutene	0.49	1.46	3.80	0.26	2.70	2.61
1-Decene	1.37	0.70	0.20	2.13	1.36	7.89
1,2,4-Trimethylbenzene	6.07	/53	4.46	2.64	6.49	5.57
n-Decane	1.67	1.61	1.87	1.02	1.55	0.22
1,2,3-Trimethylbenzene	0.57	0.69	0.54	0.39	0.24	1.86
m-Diethylbenzene	1.15	0.90	1.13	0.52	1.70	1.06
p-Diethylbenzene	1.84	1.62	1.86	0.40	2.61	1.82
1-Undecene	0.49	2.00	6.02	2.62	1.90	2.43
n-Undecane	3.73	1.51	7.07	2.07	1.93	2.61
1-Dodecane	0.63	1.87	9.91	1.27	1.30	1.20
n-Dodecane	3.96	1.75	4.92	1.85	1.25	1.53
1-Tridecane	4.11	0.62	6.71	0.22	6.90	0.00
n-Tridecane	1.39	.35	1.56	1.12	1.22	1.08
TRIMOC (not analyzed)	359.65	752.55	289.01	341.41	500.90	525.65
TRIMOC (analyzed)	294.89	267.68	179.14	425.77	285.44	454.36

Footnotes:

a - Compound not analyzed due to FID limits set

b - Compound not analyzed due to sample matrix interference

**SNMOC WEEKLY REPORT**  
**SITE CODE: WELBY**  
**All concentrations reported in ppbC**

Sample No.:	07124	07126D1	07126D2	07474
Sampling Date:	05/25/98	05/26/98	05/26/98	05/26/98
Analysis Date:	07/03/98	10/31/98	11/04/98	07/03/98
Ethylene	11.34	15.88	3.35	3.19
Acetylene	42.31	29.22	6.70	6.62
Propylene	7.45	7.71	1.52	1.29
Propane	35.85	25.04	6.42	4.12
Propene	ND	ND	ND	ND
Heptane	16.43	13.33	2.70	2.14
Isobutane/I-butane	10.09	8.10	2.24	1.71
1,3-Butadiene	ND	0.71	0.16	ND
n-butane	38.36	21.49	H.56	7.06
trans-2-Butene	3.32	3.03	0.27	0.22
cis-2-Butene	2.81	2.43	0.16	0.14
3-Methyl-1-butene	0.88	0.89	0.06	0.05
Isopentane	80.04	71.52	17.43	13.87
1-Pentane	2.87	3.25	ND	0.74
2,2-Dimethyl-1-butene	2.55	2.33	0.42	ND
n-Pentane	55.08	49.07	8.32	6.85
Isobutene	1.80	NU	0.56	0.35
isop-2-Pentene	3.70	3.39	0.32	0.37
cis-2-Pentene	1.71	1.16	0.26	0.29
2,4-Dimethyl-2-butene	3.62	1.90	0.68	1.45
2,2-Dimethylbutane	1.11	1.71	0.39	0.20
Cyclopentene	0.27	0.56	ND	ND
4-Methyl-1-pentene	0.35	0.88	ND	ND
Cyclohexane	3.29	2.47	0.34	0.40
2,3-Dimethylcyclohexane	3.42	4.14	0.84	0.84
2-Methylpentane	17.30	17.57	4.44	3.62
3-Methylpentane	10.45	16.49	3.21	2.50
1-Hexene	0.67	1.21	ND	ND
2-Methyl-1-hexene	6.43	1.41	1.13	ND
n-Hexane	ND	ND	ND	ND
1-Hexene	15.51	85.74	7.34	5.86
trans-2-Hexene	0.78	3.46	1.20	ND
cis-2-Hexene	0.44	2.46	0.07	0.17
Methylcyclopentene	6.47	10.02	2.20	1.70
2,4-Dimethylpentane	1.71	2.16	0.77	0.68
Benzene	6.72	12.41	4.08	3.18
Cyclohexene	3.35	2.94	1.14	0.71
2-Methylhexane	5.03	6.34	1.05	1.29
2,3-Dimethylpentane	2.24	7.93	1.25	0.80
3-Methylhexane	4.72	1.25	0.57	0.40
1-Hexene	1.58	1.24	0.57	1.16
2,2,4-Trimethylpentane	4.65	6.55	2.75	5.98
n-Hexane	4.88	5.13	1.51	3.28
Methylcyclohexane	4.20	3.20	1.02	2.78

**SNMOC WEEKLY REPORT**  
**SITE CODE: WELBY**  
All concentrations reported in ppbC

Sample No.:	Sampling Date:	07334	07340	07367	07474
	Analytical Date:	07/29/98	07/30/98	07/31/98	07/31/98
		07/30/98	07/31/98	07/31/98	07/31/98
2,2,3-Trimethylpentane	1.07	1.16	0.39	0.26	1.13
2,3,4-Trimethylpentane	1.10	1.90	0.74	0.53	1.73
Toluene	23.97	26.61	10.52	8.16	25.46
2-Methylheptane	1.67	2.11	0.63	0.42	1.66
3-Methylheptane	1.63	2.05	0.91	0.43	1.74
t-Octane	1.54	0.39	0.15	0.17	0.70
n-Octane	2.25	2.61	0.92	0.40	1.49
Ethylbenzene	3.05	5.05	1.76	1.42	4.64
m-Xylenes/p-Xylene	13.38	17.64	6.32	4.79	14.95
Styrene	1.62	1.71	0.91	0.73	3.24
c-Xylene	4.90	6.54	2.86	2.10	5.23
1-Hexene	0.47	11.30	0.33	0.12	0.32
n-Hexane	1.44	1.54	0.37	0.16	1.07
Heptane	0.19	0.22	0.08	NO	0.31
o-Pentane	1.27	1.23	0.46	0.42	1.04
m-Pentane	1.02	1.34	0.30	0.36	1.37
n-Ethylbenzene	3.41	4.62	1.76	1.37	4.34
p-Ethylbenzene	1.60	2.07	0.63	0.58	1.63
1,3,5-Trimethylbenzene	2.36	2.47	1.86	0.48	2.34
n-Ethyltoluene	0.61	2.16	0.65	0.62	1.26
t-Phenene	0.44	0.56	0.36	0.18	0.27
1-Decene	0.10	1.00	1.45	0.26	2.73
1,2,4,Trimethylbenzene	5.86	7.55	2.64	1.91	7.50
t-Decene	1.82	2.45	0.54	0.45	1.60
1,2,3-Trimethylbenzene	3.25	1.68	1.78	0.79	3.26
m-Diethylbenzene	2.71	1.13	0.71	0.37	4.61
p-Diethylbenzene	1.66	1.76	0.77	0.22	5.23
1-Undecene	0.53	2.26	0.86	0.79	2.96
m-Undecene	3.52	4.04	1.80	1.21	3.64
t-Dodecene	2.13	1.74	2.12	0.48	1.88
n-Dodecane	3.07	7.11	1.69	1.53	4.72
t-Tridecane	0.38	0.26	0.41	0.17	0.38
n-Tridecane	2.60	2.31	1.15	0.91	3.92
					2.35
TMOC (not analyzed)	652.52	647.14	203.86	140.36	645.49
TMOC (speciated)	531.87	555.60	143.55	113.74	476.13

Footnotes:  
t - Compound not analyzed due to FID failure

7/14/12

607.27

**ANALOC WEEKLY REPORT  
SITE CODE: WELBY**  
**All concentrations reported in ppbC**

Sample No.: Sampling Date: Analysis Date:	07583 8/13/98 8/11/98	07587 8/15/98 8/10/98	07581 8/17/98 8/13/98	07585 8/21/98 8/20/98	07586 8/21/98 8/19/98
Ethylene	14.84	11.58	10.28	9.31	20.42
Acetylene/Ethane	37.27	24.54	23.10	48.07	26.19
Propylene	8.75	8.25	8.08	11.31	5.25
Propane	9.33	16.30	12.20	51.74	26.48
Propyne	ND	ND	ND	ND	ND
Butane	9.05	10.44	5.15	16.09	6.78
Isobutane/2-Methylpropane	7.44	5.12	5.05	4.44	3.41
1,3-Butadiene	1.44	0.87	0.61	ND	0.24
n-Butene	24.31	20.90	15.76	41.67	23.97
trans-2-Butene	1.05	2.02	1.09	0.57	2.01
cis-2-Butene	0.19	1.49	1.01	0.33	1.37
2-Methyl-1-butene	0.66	0.42	ND	0.15	0.16
Isopentane	68.42	66.62	ND	30.86	ND
1-pentene	0.85	ND	2.34	1.68	2.17
2-Methyl-1-pentene	2.97	2.03	1.47	0.52	2.78
n-Pentane	36.01	20.41	20.40	23.17	36.70
Isoprene	2.66	2.30	1.47	0.17	1.18
trans-2-Pentene	4.51	5.23	2.20	0.72	4.09
cis-2-Pentene	1.86	1.50	0.91	0.34	1.64
2-Methyl-2-butene	3.82	3.15	1.04	0.48	3.46
2,2-Dimethylbutane	2.80	1.07	1.75	0.87	1.84
Cyclopentane	0.71	0.44	0.26	0.07	0.61
4-Methyl-1-pentene	0.61	0.80	0.33	0.39	0.07
Cyclohexane	2.73	2.41	1.53	1.49	2.00
2,4-Dimethylbutane	4.06	4.36	2.73	1.84	4.22
2-Methylpentane	22.14	16.79	12.12	9.40	20.59
3-Methylpentane	13.74	8.64	5.37	6.94	12.01
1-Hexene	0.69	ND	0.31	ND	0.98
2-Methyl-1-hexene	0.77	1.01	0.31	0.36	0.46
2-Ethyl-1-butene	ND	ND	ND	ND	ND
n-Hexane	21.37	11.70	10.89	11.37	14.64
trans-2-Hexene	1.14	1.87	0.55	0.26	1.22
cis-2-Hexene	0.45	11.53	0.16	0.14	0.21
Methylcyclopentane	8.73	7.32	4.08	4.34	6.89
2,4-Dimethylpentane	3.98	2.57	1.80	1.15	3.35
Benzene	16.80	14.81	10.11	5.69	16.71
Cyclohexane	4.46	3.01	1.98	2.94	3.24
2-Methylhexane	8.05	8.05	4.78	2.74	7.22
2,3-Dimethylpentane	6.12	2.65	2.16	1.41	4.66
3-Methylheptane	11.57	7.75	5.56	5.84	4.27
1-Heptene	2.53	1.78	1.42	0.80	2.15
2,2,4-Trimethylpentane	11.78	7.76	6.38	2.69	10.00
n-Hippurate	7.45	4.92	3.47	1.95	5.26
Methylcyclohexane	5.54	3.49	2.47	0.49	1.74

**SNMOC WEEKLY REPORT**  
**SITE CODE: WELBY**  
**All concentrations reported in ppbC**

Sample No.:	07583	07807	07831	07843	07778
Sampling Date:	8/11/98	8/15/98	8/17/98	8/18/98	8/21/98
Analysis Date:	8/21/98	9/1/98	9/13/98	8/17/98	8/20/98
2,2,3 Trimethylpentane	3.20	1.82	1.49	0.94	2.57
2,3,4,7-Tetramethylpentane	3.54	2.22	1.70	0.50	3.03
Toluene	63.84	57.03	28.19	11.94	42.13
2-Methylheptane	3.13	2.14	1.63	0.84	10.91
3-Methylheptane	3.16	2.29	1.91	2.08	0.85
1-Octene	1.41	0.73	0.83	0.10	1.16
n-Octane	2.84	2.40	1.62	1.66	2.46
Ethylbenzene	6.00	5.92	5.06	1.65	7.32
m,X-Hexamethylbenzene	30.48	30.57	18.02	6.58	25.20
Styrene	5.85	1.35	2.81	0.81	3.12
o-Xylylene	11.18	7.98	7.23	2.02	9.87
1-Nanane	1.11	0.23	0.45	0.16	1.90
m-Nanane	1.03	1.48	1.17	0.46	2.01
Heptamethyldobutane	0.13	0.43	0.21	0.07	0.36
p-Phenol	3.78	1.67	1.71	1.84	3.30
n-Propanetholane	2.73	1.67	1.41	0.31	2.05
m-Ethylbenzene	7.94	5.54	4.69	1.64	6.96
p-Ethyltoluene	3.80	2.13	2.02	0.78	3.20
1,3,5 Trimethylbenzene	4.45	2.65	2.39	0.85	3.46
o-Ethyltoluene	2.76	2.44	1.40	0.97	2.33
In-Progress	0.50	0.77	0.35	0.40	0.36
1-Decane	7.63	6.16	2.26	0.63	2.08
1,2,4 Trimethylbenzene	12.88	8.24	8.28	2.64	11.62
n-Decane	3.75	2.58	1.80	1.04	1.87
1,2,3 Trimethylbenzene	2.62	2.18	2.26	1.30	4.14
m-Dimethylbenzene	2.18	1.23	1.62	0.43	1.80
p-Dimethylbenzene	4.43	2.10	2.49	0.87	3.30
1-Undecane	10.46	6.75	2.22	10.84	2.18
n-Undecane	11.95	4.56	3.86	2.76	2.90
1-Dodecane	3.87	2.75	1.81	2.79	1.37
m-Dodecane	7.58	3.83	3.68	2.61	2.73
1-Tridecane	1.22	0.65	0.36	0.82	3.34
n-Tridecane	4.16	2.41	2.31	1.61	0.38
1-Tetradecane					1.81
1-Pentadecane					2.66
TINMOC (w/Unknown)	87.16	75.11	403.29	480.90	720.00
TINMOC (Speciated)	631.29	476.89	315.86	385.75	507.40

Footnotes:  
 a - Component not analyzed due to FID failure

07778

8/21/98

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**SNMOC WEEKLY REPORT**  
**SITE CODE: WELBY**  
All concentrations reported in ppbC

Sample No.:	Sampling Date:	Analysis Date:	07/04/02	07/07/01	07/08/01	07/09/01	07/10/01	07/11/01	07/12/01	07/13/01
Ethylene	4.82	11.24	12.75	20.88	14.22	11.32				
Acetylene/Ethene	35.52	32.28	44.78	33.53	38.46	37.44				
Propene	4.67	7.72	6.88	8.98	20.01	14.48				
Propane	30.45	16.36	35.42	21.65	24.24	26.24				
Propyne	ND	ND	ND	ND	ND	ND				
Isobutane	8.84	8.48	16.08	10.72	23.47	8.92				
Isobutene/1-Butene	2.84	4.06	9.06	8.45	6.77	5.90				
1,3-Butadiene	0.32	ND	0.52	2.21	0.60	ND				
n-Butane	24.84	27.26	42.07	25.02	28.50	27.47				
trans-2-Butene	0.48	0.95	1.87	2.14	1.87	1.45				
cis-2-Butene	0.30	0.95	1.23	1.50	1.05	0.96				
3-Methyl-1-butene	0.03	ND	0.56	0.34	0.45	0.22				
Isopentane	24.84	ND	80.18	68.46	64.07	56.51				
1-Pentane	3.00	1.63	3.83	1.16	1.19	2.43				
2-Methyl-1-butene	0.31	1.02	1.95	2.21	2.18	2.20				
n-Pentane	13.36	27.15	40.05	27.55	30.80	40.78				
Isopentane	ND	1.09	0.84	1.22	1.15	2.48				
Isot-2-Pentene	ND	2.43	3.05	3.17	3.21	2.46				
cis-2-Pentene	0.46	1.49	1.53	1.62	1.58	1.64				
2,4-Dimethyl-2-butene	0.83	2.04	2.48	3.39	4.27	3.15				
2,2-Dimethylbutane	0.82	1.81	ND	2.05	2.53	1.82				
Cyclopentane	ND	0.40	1.02	ND	0.42	0.37				
4-Methyl-1-pentene	0.25	0.36	1.59	0.78	0.48	0.64				
Cyclohexane	1.00	2.07	3.00	2.47	2.51	2.22				
2,3-Dimethylbutane	1.33	3.45	4.08	4.27	4.57	3.85				
2-Methylpentane	0.26	14.73	16.69	17.90	17.40	16.86				
3-Methylpentane	3.72	9.06	11.84	11.94	10.40	10.47				
1-Hexene	0.18	0.60	ND	ND	ND	ND				
2-Methyl-1-pentene	0.10	0.47	1.89	ND	0.86	0.53				
n-Hexane	ND	ND	0.06	ND	ND	ND				
Isop-2-Hexene	8.01	11.62	14.11	14.25	13.71	14.10				
cis-2-Hexene	0.16	0.56	0.42	0.58	0.45	1.13				
Methylcyclopentane	0.13	0.21	0.31	0.64	0.60	0.64				
2,4-Dimethylpentane	2.85	5.74	7.64	7.70	7.00	6.43				
2,3-Dimethylpentane	0.87	2.32	2.13	2.02	2.24	2.68				
Benzene	4.64	11.94	11.78	16.43	13.82	13.07				
Cyclohexene	1.49	2.61	3.40	3.35	3.16	4.51				
2-Methylcyclohexene	2.04	5.76	5.24	6.94	5.95	7.38				
2,5-Dimethylpentane	1.15	1.56	4.11	4.17	4.53	4.01				
3-Methylpentane	2.88	6.93	8.86	7.46	6.37	7.82				
1-Hexane	1.67	1.86	1.73	1.81	0.67	1.90				
2,2,4-Trimethylpentane	2.38	7.34	7.76	9.02	9.11	6.04				
n-heptane	2.17	4.34	5.65	5.43	5.25	4.84				
Methylcyclohexane	3.89	3.55	4.06	3.93	3.18	4.03				

**SNMOC WEEKLY REPORT**  
**SITE CODE: WELBY**  
**All concentrations reported in ppbC**

Sample No:	07404672	07471	07491	07844	08040	081504	082496	083590
Sampling Date:	8/22/96 8/17/96	8/25/96 8/17/96	8/27/96 8/24/96	8/26/96	8/26/96 8/24/96	8/26/96	8/26/96	8/26/96
Analysts Data:								
2,2,3-Timethylbutane	0.45	1.94	1.37	2.22	1.76	2.35	2.69	2.69
2,3,4-Timethylpentane	0.57	2.05	2.23	3.04	2.48	2.48	36.45	36.45
Toluene	11.53	34.22	28.55	42.45	40.97	40.97		
2-Methylheptane	0.46	7.17	3.94	7.81	1.89	2.04		
3-Methylheptane	0.37	2.53	1.98	2.70	2.27	2.13		
1-Octene	0.64	0.80	0.87	0.80	0.89	1.11		
n-Octane	0.73	2.19	2.41	2.68	2.35	2.35	2.13	2.13
Ethylbenzene	1.75	6.13	4.88	8.72	7.67	6.28		
m-Xylenes	6.29	19.28	16.01	23.54	21.86	21.56		
Styrene	0.91	5.37	1.45	1.55	2.20	3.10		
n-Xylene	2.89	7.90	7.09	9.93	9.30	8.15		
Isobutane	0.11	0.54	0.27	0.37	0.46	0.61		
n-Hexane	0.69	1.40	1.38	1.44	1.35	1.76		
Methylcyclohexane	0.08	0.31	0.30	0.21	0.32	0.48		
p-Heptane	1.42	1.85	2.46	1.43	2.41	2.07		
n-Heptane	0.55	1.98	1.69	2.16	1.26	1.71		
m-Ethyltoluene	1.83	6.61	4.66	6.06	5.31	5.80		
p-Ethyltoluene	0.88	2.22	2.09	2.66	2.80	2.37		
1,3,6-Trimethylbenzene	0.81	7.73	2.55	3.30	3.28	3.14		
o-Ethyltoluene	0.84	1.05	2.07	2.54	2.36	2.48		
t-Prnine	0.26	0.91	0.82	0.51	0.60	0.58		
1-Decane	1.04	3.49	2.35	1.35	2.30	3.05		
1,2,4-Trimethylbenzene	2.79	6.45	6.40	11.19	7.58	8.00		
n-Decane	1.15	2.36	2.51	1.62	4.38	3.68		
1,2,3-Trimethylbenzene	1.35	2.92	2.94	3.80	2.08	2.83		
m-Dimethylbenzene	0.39	1.10	2.87	2.12	1.60	1.82		
p-Dimethylbenzene	0.46	2.85	1.87	2.68	2.28	2.79		
1-Undecane	2.07	4.29	3.16	0.72	2.36	3.34		
n-Undecane	3.59	5.78	2.18	2.04	12.78	6.74		
1-Dodecane	1.21	5.02	1.18	0.83	4.17	3.28		
n-Dodecane	3.79	7.32	1.86	1.60	10.04	6.35		
1-Tridecane	0.36	0.51	0.42	0.28	ND	0.42		
n-Tridecane	1.83	4.44	1.18	0.76	3.06	3.17		
THMOC (Unknown)	345.43	522.61	568.11	588.03	712.65	718.21		
THMOC (Unknown)	253.76	292.76	544.63	536.86	593.34	626.05		

Footnotes:  
 a - Compound not analyzed due to FID failure

**SNMOC WEEKLY REPORT**  
**SITE CODE: WELBY**  
All concentrations reported in ppbC

Sample No.:	081108	081109	081110	081111	081112
Sampling Date:	9/14/06	9/15/06	9/16/06	9/17/06	9/18/06
Analytical Date:	10/4/06	10/11/06	10/11/06	10/11/06	10/12/06
Ethylene	30.17	2.04	15.75	15.25	21.38
Acetone	59.24	15.51	17.44	4.23	48.07
Propene	25.31	0.72	10.78	3.23	5.67
Propane	23.93	ND	ND	ND	16.26
Propyne	ND	ND	ND	ND	ND
Isobutane	22.72	4.47	2.78	2.58	8.07
Isobutene/1-butene	12.10	2.76	3.63	3.53	9.28
1,3-Butadiene	3.19	ND	0.67	ND	2.21
n-butane	50.61	10.69	5.66	5.90	19.39
Methyl-2-butane	4.17	ND	1.24	0.47	2.22
2-methyl-2-butane	2.78	ND	0.44	0.06	1.41
2-butene/1-butene	1.10	ND	0.19	0.19	0.61
Isopentane	118.40	6.86	16.89	15.73	57.43
1-Pentane	7.59	1.61	3.88	2.99	4.98
2-Methyl-1-pentane	4.71	3.43	ND	0.67	2.10
n-Pentane	58.82	5.74	10.55	10.71	ND
Isopentane	2.00	ND	0.98	0.85	ND
trans-2-Pentene	7.35	ND	0.99	0.79	ND
cis-2-Pentene	1.52	ND	0.49	0.42	1.78
2-Hethyl-2-butane	7.87	ND	0.61	0.66	4.55
2,2-Dimethylbutane	4.25	0.16	0.76	0.65	2.39
Cyclohexane	1.27	ND	0.22	0.18	0.73
4-Methyl-1-pentene	1.39	ND	0.46	ND	ND
Cyclopentane	4.83	0.35	1.31	ND	ND
2,3-Dimethylbutane	0.33	0.41	1.38	ND	4.69
2-Hexanoperthane	38.02	2.30	5.85	5.43	20.01
3-Hexanoperthane	23.80	2.89	4.14	3.86	14.92
1-Hexane	1.68	0.05	0.30	0.28	1.87
2-Hethyl-1-pentane	1.02	c.14	0.31	0.30	0.66
2-Ethyl-1-butane	ND	ND	ND	ND	ND
Trifluoride	29.18	2.55	4.85	5.21	14.80
Isopropylbenzene	1.63	0.14	0.26	0.20	1.14
cis-2-Hexene	1.48	c.09	0.34	0.24	1.00
Methylcyclopentane	15.30	1.67	2.82	2.41	7.81
2,4-Dimethylpentane	6.33	1.34	1.18	1.18	3.32
Benzene	39.65	1.75	7.44	7.14	18.84
Cyclohexene	6.71	0.79	1.23	1.16	3.87
2-Methylhexane	12.89	2.72	2.41	2.05	7.28
2,3-Dimethylpentane	0.71	0.95	1.60	1.49	5.18
3-Methylhexane	14.16	0.78	3.36	3.04	7.95
1-Hexene	4.03	0.10	0.61	0.76	2.49
2,2,4-Triethylhexane	18.27	0.55	3.63	2.16	10.20
1-Hexane	10.87	1.32	2.23	2.08	6.24
Methylcyclohexane	8.36	0.80	1.19	1.06	4.71

**SNMOC WEEKLY REPORT**  
**SITE CODE: WELBY**  
**All concentrations reported in ppbC**

Sample No.:	08149	0816101	0816202	08189
Sampling Date:	08/09/04	08/09/04	08/09/04	08/12/04
Analytical Date:	10/11/04	10/07/04	10/07/04	10/13/04
2,2,3-Timethylpropylamine	3.80	0.13	0.61	0.91
2,3,4-Timethylpentane	0.62	0.14	1.22	1.50
Toluene	80.87	3.41	15.19	16.70
2-Methylpropane	5.44	0.35	1.15	1.17
3-Methylheptane	5.87	0.24	0.80	1.29
1-Octane	2.60	ND	0.46	0.64
n-Octane	6.07	0.41	1.18	1.19
Ethylbenzene	12.63	0.51	2.37	2.28
m-Xylenes-Xylenes	60.22	1.03	8.73	8.45
Styrene	2.75	0.40	0.90	0.98
Acetylene	17.19	0.87	3.01	2.63
1-Nonene	0.77	0.15	0.25	0.43
n-Hexane	3.14	0.80	0.94	0.90
Isobutylbenzene	0.57	0.13	0.19	0.20
o-Phenone	2.54	0.53	1.15	1.14
m-Phenolbenzene	3.68	ND	0.89	0.65
n-EthylAcetone	13.12	0.50	2.99	2.50
p-EthylAcetone	4.91	0.31	1.43	1.12
1,3,5-Timethylbenzene	7.01	ND	1.39	1.29
o-EthylAcetone	8.85	0.36	1.30	1.16
o-Phenone	1.56	1.40	1.01	0.74
1-Decene	2.80	1.65	1.21	1.33
1,2,4-Timethylbenzene	20.80	0.72	4.36	4.05
n-Decane	4.70	0.46	2.04	1.52
1,2,3-Timethylbenzene	0.98	5.24	1.21	1.40
n-Diethylbenzene	2.75	ND	0.70	0.60
p-Diethylbenzene	4.96	0.44	1.20	0.89
1-Undecene	0.20	0.87	0.57	1.04
m-Undecane	4.25	0.47	2.85	2.24
1-Octene	5.22	0.59	0.46	0.69
n-Dodecane	2.89	0.42	2.75	1.57
1-Tridecane	0.27	0.13	0.23	0.23
n-Tridecane	2.61	6.06	1.74	1.54
TMOC (not determined)	1183.55	190.14	278.50	299.35
TMOC (specified)	108.37	111.22	212.47	200.15

Footnotes:  
 \* - Compound not analyzed due to FID failure only

TMOC (not determined) 1183.55  
 TMOC (specified) 108.37

08189  
 081290  
 10/13/04

0816202  
 0816101  
 08/09/04

0816101  
 08/09/04

0816202  
 08/09/04

08189  
 081290  
 10/13/04

**SNMOC WEEKLY REPORT**  
**SITE CODE: WELBY**  
All concentrations reported in ppbC

Sample No.:	Sampling Date:	Analysts Data:	08259 9/14/98	08279 9/18/98	08334 9/18/98
Ethane	18.48	8.73	4.25		
Propylene/Ethene	40.77	43.01	13.56		
Propane	8.69	2.53	2.08		
Propane	25.44	41.59	6.74		
Propyne	ND	ND	ND		
Isobutane	8.80	11.85	2.66		
Isobutene/n-Hexane	5.92	4.23	3.34		
1,3-Butadiene	ND	ND	ND		
n-Butane	23.42	27.74	7.63		
trans-2-Butenes	1.55	1.26	0.20		
cis-2-Butenes	1.06	0.22	0.16		
2-Methyl-1-Pentene	0.38	0.24	0.11		
Isopentane	55.88	10.86	12.51		
1-Pentane	1.82	2.92	1.74		
2-Methyl-1-Pentene	2.25	0.26	0.42		
n-Pentane	24.81	15.27	ND		
hexane	0.30	0.12	ND		
trans-2-Pentene	2.69	0.51	0.35		
cis-2-Pentene	1.84	0.25	0.14		
2,2-Dimethylbutane	3.77	6.68	0.32		
2,2-Dimethylbutene	ND	11.72	ND		
Cyclopentene	0.00	0.40	0.38		
4-Methyl-1-pentene	0.43	0.28	0.13		
Cyclopentane	1.86	1.00	0.48		
2,3-Dimethylbutane	3.48	1.27	0.79		
2-Methylpentane	15.41	8.42	3.61		
3-Methylpentane	8.60	9.69	2.29		
1-Hexene	0.90	ND	0.18		
2-Methyl-1-pentenes	0.40	0.12	0.14		
2-Ethyl-1-butene	ND	ND	ND		
n-Hexane	12.61	6.37	3.08		
trans-2-Hexene	0.87	0.27	0.16		
cis-2-Hexene	0.40	0.14	0.08		
Methylcyclopentane	6.58	9.27	1.78		
2,4-Dimethylpentane	2.78	6.81	0.63		
Benzene	14.80	6.06	4.24		
Cyclohexane	3.53	1.76	0.73		
2-Methylhexane	8.41	2.03	1.72		
2,3-Dimethylpentane	0.83	1.20	1.04		
2-Methylheptane	8.84	2.95	2.29		
1-Hexane	1.82	0.62	0.40		
2,2,4-Trimethylpentane	8.04	2.34	2.16		
c-Hexane	4.36	2.70	1.34		
Methylcyclohexane	3.77	2.21	1.22		

**SNMOC WEEKLY REPORT**  
**SITE CODE: WELBY**  
**All concentrations reported in ppbC**

Sample No.:	08259	08279	08330
Sampling Date:	9/14/94 10/14/94	8/16/94 10/14/94	9/16/94 10/14/94
Analytical Date:			
2,2,3-Trimethylbenzene	2.20	0.88	0.60
2,3,4-Trimethylbenzene	2.58	0.57	1.39
Toluene	40.88	3.02	0.03
2-Methylheptane	2.14	0.67	0.63
3-Methylheptane	2.48	0.73	0.66
1-Octane	1.05	0.12	0.46
n-Octane	2.19	0.89	0.67
Ethylbenzene	6.29	1.43	1.66
m-Xylenes/p-Xylenes	22.89	2.37	5.52
Styrene	2.50	0.44	1.63
o-Xylene	7.86	1.76	2.02
1-Naphthalene	0.45	0.14	0.18
n-Naphthalene	1.46	0.39	0.42
Isopropylbenzene	0.42	0.06	0.14
o-Ethyltoluene	2.82	1.22	0.48
m-Propylbenzene	2.11	0.46	0.39
m-Ethyltoluene	8.85	1.57	1.43
p-Ethyltoluene	3.05	0.72	0.63
1,3,5-Triisopropylbenzene	3.54	0.70	0.71
o-Ethyltoluene	3.03	1.18	0.48
p-Phenol	0.39	0.11	N.D.
1-Decene	2.82	1.93	1.18
1,2,4-Trimethylbenzene	11.03	2.18	3.07
4-Ethyltoluene	2.21	0.52	0.48
1,2,3-Trimethylbenzene	3.10	1.32	1.46
m-Diethylbenzene	1.80	0.45	0.64
p-Diethylbenzene	3.26	1.08	1.06
1-Undecane	1.84	1.30	1.26
n-Undecane	3.32	2.80	1.47
1-Dodecane	1.57	0.82	0.80
n-Dodecane	2.79	1.12	1.96
1-Tridecane	0.21	0.33	0.22
n-Tridecane	2.93	1.35	1.51
TMOC (not unknowns)	631.70	333.48	177.60
TMOC (spotted)	461.69	262.57	130.17

Footnotes:  
 a - Cannot and not analyzed due to FID Name out

**1996 NMOC Toxic Options - CAMP**

SAMPLE SITE #	CAMP 7890 8/27/96	CAMP 7945 8/29/96	CAMP 8039 8/31/96	CAMP 8166 EM 8/30/96
SAMPLE DATE	8/27/96	8/29/96	8/31/96	8/30/96
ANALYSIS DATE	8/20/96	8/20/96	8/21/96	8/22/96
FILE NAME	KJL8IT008	KJL8IU010	KJL8IU005	KJL8IV014
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	10.42	18.83	8.25	1.82
PROPYLENE	3.37	4.66	2.81	0.46
CHLOROMETHANE	0.48	0.52	0.60	0.54
VINYL CHLORIDE				
1,3-BUTADIENE	0.49	0.61	0.34	
BROMOMETHANE			0.08	
CHLOROETHANE				
METHYLENE CHLORIDE	0.34	0.46	0.47	0.10
trans - 1,2 - DICHLOROETHYLENE				
1,1 - DICHLOROETHANE				
CHLOROPRENE				
BROMOCHLOROMETHANE				
CHLOROFORM	0.05	0.08	0.10	0.02
1,2 - DICHLOROETHANE				
1,1,1 - TRICHLOROETHANE	0.19	0.30	0.23	0.13
BENZENE	2.87	3.57	2.14	0.39
CARBON TETRACHLORIDE	0.10	0.10	0.10	0.10
1,2 - DICHLOROPROPANE				
BROMODICHLOROMETHANE				
TRICHLOROETHYLENE	0.02	0.06	0.04	
cis - 1,3 - DICHLOROPROPENE				
trans - 1,3 - DICHLOROPROPENE				
1,1,2 - TRICHLOROETHANE				
TOLUENE	5.38	7.87	4.75	1.02
DIBROMOCHLOROMETHANE				
N-OCTANE	0.31	0.42	0.31	0.07
TETRACHLOROETHYLENE	0.16	0.40	0.13	0.13
CHLOROBENZENE				
ETHYLBENZENE	0.74	1.05	0.83	0.12
m - XYLENE	2.82	3.86	2.39	0.46
BROMOFORM			0.02	
STYRENE	1.21	1.79	1.21	0.14
1,1,2,2 - TETRACHLOROETHANE				
p - XYLENE	0.85	1.32	0.94	0.15
m - DICHLOROBENZENE				
p - DICHLOROBENZENE	0.05	0.07	0.10	
c - DICHLOROBENZENE			0.01	

**1996 NMOC Toxic Options - CAMP**

SAMPLE SITE #	CAMP 8166 R1 9/23/96 KTL81W016	CAMP 8167 D2 9/23/96 KTL81V015	CAMP 8167 R2 9/23/96 KTL81W017	CAMP 8077 9/4/96 KTL81Y004
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE		1.70	1.81	1.73
PROPYLENE		0.47	0.44	0.46
CHLOROMETHANE		0.57	0.52	0.54
VINYL CHLORIDE				0.52
1,3-BUTADIENE				0.20
BROMOMETHANE				
CHLOROETHANE				
METHYLENE CHLORIDE	0.10	0.10	0.10	0.39
trans - 1,2 - DICHLOROETHYLENE				
t,t - DICHLOROETHANE				
CHLOROPRENE				
BROMOCHLOROMETHANE				
CHLOROFORM	0.03	0.03	0.02	0.05
1,2 - DICHLOROETHANE				
1,1,1 - TRICHLOROETHANE	0.14	0.14	0.13	0.15
BENZENE	0.41	0.41	0.43	1.49
CARBON TETRACHLORIDE	0.08	0.08	0.10	0.08
1,2 - DICHLOROPROPANE				
BROMODICHLOROMETHANE				
TRICHLOROETHYLENE				0.08
cis - 1,3 - DICHLOROPROPENE				
trans - 1,3 - DICHLOROPROPENE				
1,1,2 - TRICHLOROETHANE				
TOLUENE	0.04	1.02	1.04	3.78
DIBROMOCHLOROMETHANE				
N-OCTANE	0.03	0.07	0.07	0.20
TETRACHLOROETHYLENE	0.14	0.13	0.13	0.14
CHLOROBENZENE				
ETHYLBENZENE	0.12	0.12	0.12	0.47
m,p - XYLENE	0.46	0.45	0.45	1.73
BROMOFORM				
STYRENE	0.21	0.14	0.14	0.64
1,1,2,2 - TETRACHLOROETHANE				
o - XYLENE	0.19	0.19	0.15	0.58
m - DICHLOROBENZENE				0.01
p - DICHLOROBENZENE				0.05
o - DICHLOROBENZENE				0.02

**1996 NMOC Toxic Options - NWNJ**

SAMPLE SITE #	NWNJ 6385	NWNJ 6648	NWNJ 6919	NWNJ 7064
SAMPLE DATE	6/20/96	6/26/96	7/15/96	7/23/96
ANALYSIS DATE	7/12/96	7/12/96	8/12/96	8/24/96
FILE NAME	KJL8GL009	KJL8GL008	KJL8HHL010	KJL8HW016
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	4.73	3.67	1.10	1.67
PROPYLENE	1.21	1.47	NO	0.82
CHLOROMETHANE	0.72	0.68	1.48	1.03
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	0.06	0.05	NO	0.07
BROMOMETHANE	NO	ND	NO	NO
CHLOROETHANE	ND	ND	ND	ND
METHYLENE CHLORIDE	0.62	0.23	0.56	0.49
trans - 1,2 - DICHLOROETHYLENE	NO	ND	ND	ND
1,1 - DICHLOROETHANE	NO	NO	NO	NO
CHLOROPRENE	NO	ND	NO	ND
BROMOCHLOROMETHANE	ND	ND	ND	ND
CHLOROFORM	0.03	0.03	0.10	0.06
1,2 - DICHLOROETHANE	NO	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.47	0.65	0.20	0.24
BENZENE	0.34	0.34	1.46	0.49
CARBON TETRACHLORIDE	0.10	0.10	0.18	0.18
1,2 - DICHLOROPROPANE	NO	ND	ND	ND
BROMODICHLOROMETHANE	NO	ND	ND	ND
TRICHLOROETHYLENE	0.03	0.02	ND	ND
cis - 1,3 - DICHLOROPROPENE	NO	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	NO	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	1.26	1.08	3.85	1.85
DIBROMOCHLOROMETHANE	NO	ND	ND	ND
N-OCTANE	0.09	0.04	0.37	0.12
TETRACHLOROETHYLENE	0.17	0.07	0.11	0.22
CHLOROBENZENE	NO	ND	NO	NO
ETHYLBENZENE	0.30	0.23	0.26	0.15
m,p - XYLENE	1.41	1.01	1.95	1.01
BROMOFORM	NO	ND	ND	ND
STYRENE	0.07	0.08	0.57	0.21
1,1,2,2 - TETRACHLOROETHANE	NO	NO	NO	ND
c - XYLENE	0.44	0.32	0.68	0.32
m - DICHLOROBENZENE	NO	ND	ND	ND
p - DICHLOROBENZENE	0.04	0.03	0.19	0.19
o - DICHLOROBENZENE	ND	ND	ND	ND

**1996 NMOC Toxic Options - NWNJ**

SAMPLE SITE #	NWNJ 7257	NWNJ 7390 D1	NWNJ 7390 R1	NWNJ 7391 D2
SAMPLE DATE	7/31/96	8/4/96	8/4/96	8/6/96
ANALYSIS DATE	8/30/96	8/4/96	8/4/96	8/4/96
FILE NAME	KL8HS009	KL6ID014	KL6BNK006	KL6BD015
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	3.46	13.77	12.99	12.83
PROPYLENE	1.27	10.13	8.78	10.11
CHLOROMETHANE	0.45	0.57	0.85	0.62
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	0.07	0.51	0.54	0.56
BROMOMETHANE	ND	0.07	0.08	0.08
CHLOROETHANE	ND	ND	0.08	ND
METHYLENE CHLORIDE	0.29	2.59	2.59	2.58
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND	ND
t,1 - DICHLOROETHANE	ND	ND	ND	ND
CHLOROPRENE	ND	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND	ND
CHLOROFORM	0.03	0.18	0.18	0.18
1,2 - DICHLOROETHANE	ND	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.19	0.76	0.81	0.77
BENZENE	0.39	2.12	2.22	2.14
CARBON TETRACHLORIDE	0.10	0.11	0.11	0.11
1,2 - DICHLOROPROPANE	ND	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND	ND
TRICHLOROETHYLENE	0.02	0.23	0.23	0.23
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	1.38	10.58	10.45	10.48
DIBROMOCHLOROMETHANE	ND	ND	ND	ND
N-OCTANE	0.14	0.64	0.64	0.63
TETRACHLOROETHYLENE	0.16	0.44	0.43	0.43
CHLOROBENZENE	ND	0.23	0.20	0.21
ETHYLBENZENE	1.03	1.76	1.72	1.73
m,p - XYLENE	3.83	5.82	5.82	5.87
Bromoform	ND	ND	ND	ND
STYRENE	0.57	2.64	3.00	2.71
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND	ND
o - XYLENE	1.12	1.84	1.85	1.82
m - DICHLOROBENZENE	ND	ND	ND	ND
p - DICHLOROBENZENE	0.06	0.40	0.38	0.40
o - DICHLOROBENZENE	ND	ND	ND	ND

**1996 NMOC Toxic Options - NWNJ**

SAMPLE SITE #	NWNJ 7391 RZ	NWNJ 7887	NWNJ 7683	NWNJ 08211
SAMPLE DATE	8/6/96	8/26/96	8/16/96	8/10/96
ANALYSIS DATE	9/14/96	9/17/96	9/20/96	9/25/96
FILE NAME	K/L6IN007	K/L6IQ014	K/L6IE004	K/L6IY009
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	13.37	11.26	3.01	8.56
PROPYLENE	11.23	4.08	1.50	4.00
CHLOROMETHANE	0.63	0.49	0.49	0.82
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	0.81	0.32	0.10	0.27
BROMOMETHANE	0.11	ND	ND	ND
CHLOROETHANE	0.12	ND	ND	ND
METHYLENE CHLORIDE	2.83	1.08	1.03	0.85
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND	ND
CHLOROPRENE	ND	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND	ND
CHLOROFORM	0.17	0.10	0.03	0.08
1,2 - DICHLOROETHANE	ND	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.85	0.91	0.21	0.37
BENZENE	2.25	1.27	0.35	1.25
CARBON TETRACHLORIDE	0.11	0.10	0.10	0.10
1,2 - DICHLOROPROPANE	ND	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND	ND
TRICHLOROETHYLENE	0.23	0.06	ND	0.06
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	10.60	3.82	0.96	4.09
DIBROMOCHLOROMETHANE	ND	ND	ND	ND
N-OCTANE	0.04	0.22	0.05	0.22
TETRACHLOROETHYLENE	0.43	0.11	0.02	0.17
CHLOROBENZENE	0.22	ND	ND	ND
ETHYLBENZENE	1.75	0.50	0.32	0.82
m,p - XYLENE	6.04	1.84	1.21	2.13
BROMOFORM	ND	ND	ND	ND
STYRENE	3.07	1.00	0.29	1.29
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND	ND
o - XYLENE	1.69	0.86	0.33	0.70
m - DICHLOROBENZENE	ND	0.02	ND	ND
p - DICHLOROBENZENE	0.36	0.19	0.02	0.17
c - DICHLOROBENZENE	ND	0.03	0.01	ND

**1996 NMOC Toxic Options - P2NJ**

SAMPLE SITE #	P2NJ 6532	P2NJ 6622	P2NJ 6816	P2NJ 7087
SAMPLE DATE	6/20/96	6/26/96	7/15/96	7/23/96
ANALYSIS DATE	7/12/96	7/12/96	8/21/96	8/22/96
FILE NAME	KL6GL006	KL6GL007	KL6HLU013	KL6HW015
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	3.73	5.74	7.01	2.57
PROPYLENE	0.93	1.96	2.87	1.34
CHLOROMETHANE	0.73	0.64	1.17	0.97
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	0.05	0.12	0.71	0.15
BROMOMETHANE	ND	ND	0.02	ND
CHLOROETHANE	ND	ND	ND	ND
METHYLENE CHLORIDE	0.31	0.30	0.38	0.51
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND	ND
CHLOROPRENE	ND	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND	ND
CHLOROFORM	0.04	0.05	0.06	0.08
1,2 - DICHLOROETHANE	ND	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.17	0.17	0.13	0.20
BENZENE	0.31	0.71	2.51	0.78
CARBON TETRACHLORIDE	0.09	0.09	0.20	0.18
1,2 - DICHLOROPROPANE	ND	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND	ND
TRICHLOROETHYLENE	ND	ND	0.02	0.06
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	1.35	3.59	6.62	2.49
OBISBROMOCHLOROMETHANE	ND	ND	ND	ND
N-OCTANE	0.06	0.13	0.32	0.14
TETRACHLOROETHYLENE	0.06	0.10	0.08	0.24
CHLOROBENZENE	ND	ND	ND	ND
ETHYLBENZENE	0.16	0.44	0.44	0.17
m,p - XYLENE	0.75	1.90	3.11	1.18
BROMOFORM	ND	ND	ND	ND
STYRENE	0.00	0.13	1.38	0.29
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND	ND
o - XYLENE	0.28	0.68	1.14	0.43
m - DICHLOROBENZENE	ND	ND	0.01	ND
p - DICHLOROBENZENE	0.02	0.02	0.14	0.17
o - DICHLOROBENZENE	ND	ND	0.01	ND

**1996 NMOC Toxic Options - P2NJ**

SAMPLE SITE #	P2NJ 7230	P2NJ 7359 Dt	P2NJ 7359 R1	P2NJ 7360 D2
SAMPLE DATE	7/31/96	8/6/96	8/6/96	8/8/96
ANALYSIS DATE	8/30/96	9/14/96	9/15/96	9/14/96
FILE NAME	K/L8H5015	K/L8I0014	K/L8I0006	K/L8I0013
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	2.01	14.39	13.20	13.70
PROPYLENE	6.18	5.74	5.32	4.99
CHLOROMETHANE	0.46	0.63	0.62	0.51
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	0.07	0.54	0.54	0.41
BROMOMETHANE	ND	ND	0.04	ND
CHLOROETHANE	ND	ND	ND	ND
METHYLENE CHLORIDE	0.20	1.81	1.78	1.51
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND	ND
CHLOROPRENE	ND	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND	ND
CHLOROFORM	ND	0.18	0.16	0.16
1,2 - DICHLOROETHANE	ND	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.16	0.88	0.68	0.68
BENZENE	0.39	2.14	2.08	2.16
CARBON TETRACHLORIDE	0.10	0.06	0.10	0.10
1,2 - DICHLOROPROPANE	ND	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND	ND
TRICHLOROETHYLENE	ND	0.17	0.17	0.17
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	6.11	13.53	12.62	13.31
DIBROMOCHLOROMETHANE	ND	ND	ND	ND
N-OCTANE	0.07	0.37	0.34	0.37
TETRACHLOROETHYLENE	0.06	0.41	0.40	0.41
CHLOROBENZENE	ND	ND	ND	ND
ETHYLBENZENE	0.17	0.97	0.92	0.95
m,p - XYLENE	0.60	3.48	3.25	3.41
BROMOFORM	ND	ND	ND	ND
STYRENE	0.29	1.86	1.57	1.64
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND	ND
c - XYLENE	0.21	1.16	1.13	1.17
m - DICHLOROBENZENE	ND	ND	ND	ND
p - DICHLOROBENZENE	ND	0.40	0.36	0.36
o - DICHLOROBENZENE	ND	0.08	0.07	0.07

**1996 NMOC Toxic Options - P2NJ**

SAMPLE SITE #	P2NJ7360 R2	P2NJ7700	P2NJ08179
SAMPLE DATE	8/8/96	8/19/96	9/10/96
ANALYSIS DATE	9/15/96	9/15/96	9/25/96
FILE NAME	K/L610005	K/L610009	K/L61Y005
UNITS	ppbv	ppbv	ppbv
ACETYLENE	3.44	5.46	6.29
PROPYLENE	4.79	2.62	3.56
CHLOROMETHANE	0.48	0.52	0.58
VINYL CHLORIDE	ND	ND	ND
1,3-BUTADIENE	0.51	0.34	0.34
BROMOMETHANE	ND	ND	ND
CHLOROETHANE	ND	ND	ND
METHYLENE CHLORIDE	1.75	0.36	3.71
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND
CHLOROPRENE	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND
CHLOROFORM	0.16	0.03	0.06
1,2 - DICHLOROETHANE	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.67	0.19	0.22
BENZENE	2.08	1.14	1.47
CARBON TETRACHLORIDE	0.10	0.10	0.11
1,2 - DICHLOROPROPANE	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND
TRICHLOROETHYLENE	0.15	ND	ND
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND
TOLUENE	12.22	3.36	3.64
DIBROMOCHLOROMETHANE	ND	ND	ND
N-OCTANE	0.34	0.17	0.22
TETRACHLOROETHYLENE	0.38	0.11	0.22
CHLOROBENZENE	ND	ND	ND
ETHYLBENZENE	0.89	0.41	0.50
m,p -XYLENE	3.13	1.57	1.81
BROMOFORM	ND	ND	ND
STYRENE	1.50	1.07	0.93
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND
c - XYLENE	1.10	0.58	0.62
m - DICHLOROBENZENE	ND	ND	ND
p - DICHLOROBENZENE	0.33	0.02	0.10
o - DICHLOROBENZENE	0.08	ND	ND

**1996 NMOC Toxic Options - WELBY**

SAMPLE SITE	WELBY 7891	WELBY 7944	WELBY 8040	WELBY 8151 D1
SAMPLE DATE	8/27/96	8/28/96	8/31/96	8/8/96
ANALYSIS DATE	9/20/96	9/20/96	9/21/96	9/22/96
FILE NAME	K/L817007	K/L817009	K/L817008	K/L817012
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	5.83	9.66	7.73	3.28
PROPYLENE	2.23	3.27	2.45	1.52
CHLOROMETHANE	0.63	0.55	0.83	0.52
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	0.22	0.44	0.24	0.19
BROMOMETHANE	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND
METHYLENE CHLORIDE	0.44	0.49	0.68	0.25
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND	ND
CHLOROPRENE	ND	ND	ND	ND
BROMOCHLOROMETHANE	0.11	ND	ND	ND
CHLOROFORM	0.11	0.08	0.11	ND
1,2 - DICHLOROETHANE	ND	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.69	0.69	0.88	0.84
BENZENE	1.67	2.47	2.31	0.98
CARBON TETRACHLORIDE	0.10	0.10	0.10	0.08
1,2 - DICHLOROPROPANE	ND	ND	ND	ND
BROMODICHLOROMETHANE	0.18	ND	ND	ND
TRICHLOROETHYLENE	0.02	ND	0.04	0.06
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	3.78	6.55	5.71	1.78
DIBROMOCHLOROMETHANE	0.06	ND	ND	ND
N-OCTANE	0.24	0.25	0.27	0.10
TETRACHLOROETHYLENE	0.08	0.10	0.14	0.08
CHLOROBENZENE	ND	ND	ND	ND
ETHYLBENZENE	0.49	0.72	0.70	0.22
m,p - XYLENE	1.74	2.66	2.53	0.80
BROMOFORM	0.04	ND	ND	ND
STYRENE	1.43	1.38	2.57	0.57
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND	ND
o - XYLENE	0.73	1.08	1.10	0.27
m - DICHLOROBENZENE	ND	ND	ND	ND
p - DICHLOROBENZENE	0.05	0.05	0.07	0.05
a - DICHLOROBENZENE	ND	ND	ND	ND

**1996 NMOC Toxic Options - WELBY**

SAMPLE SITE #	WELBY 8161 R1	WELBY 8162 D2	WELBY 8162 R2	WELBY 8076
SAMPLE DATE	9/8/96	9/8/96	9/8/96	8/4/96
ANALYSIS DATE	9/23/96	9/22/96	9/23/96	9/24/96
FILE NAME	KIL6IW014	KIL6IV013	KIL8IW015	KIL6IX018
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	2.98	2.95	3.15	19.59
PROPYLENE	1.54	1.63	1.57	5.87
CHLOROMETHANE	0.57	0.66	0.80	0.82
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	0.16	0.15	0.15	0.76
BROMOMETHANE	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND
METHYLENE CHLORIDE	0.27	0.27	0.29	0.73
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND	ND
CHLOROPRENE	ND	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND	ND
CHLOROFORM	0.03	0.03	0.03	0.14
1,2 - DICHLOROETHANE	ND	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.84	0.86	0.90	0.98
BENZENE	0.98	0.98	1.00	4.73
CARBON TETRACHLORIDE	0.10	0.10	0.10	0.10
1,2 - DICHLOROPROPANE	ND	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND	ND
TRICHLOROETHYLENE	0.06	0.09	0.09	0.04
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	3.80	1.80	1.78	10.11
DISBROMOCHLOROMETHANE	ND	ND	ND	ND
N-OCTANE	0.08	0.10	0.08	0.58
TETRACHLOROETHYLENE	0.08	0.08	0.08	0.17
CHLOROBENZENE	ND	ND	ND	ND
ETHYLBENZENE	0.21	0.22	0.22	1.44
m,p - XYLENE	0.81	0.80	0.81	5.27
BROMOFORM	ND	ND	ND	ND
STYRENE	0.64	0.57	0.64	2.71
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND	ND
p - XYLENE	0.26	0.27	0.27	1.79
m - DICHLOROBENZENE	ND	ND	ND	ND
p - DICHLOROBENZENE	0.05	0.05	0.05	0.21
o - DICHLOROBENZENE	ND	ND	ND	ND

**1996 SNMOC Toxic Options - B1AL**

SAMPLE SITE #	B1AL 6391	B1AL 8592	B1AL 6841	B1AL 7067
SAMPLE DATE	6/18/96	5/27/96	7/12/96	7/22/96
ANALYSIS DATE	7/25/96	7/25/96	8/9/96	8/23/96
FILE NAME	KL6GY010	KL6GY012	KL6HIO16	KL6HW012
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	5.76	13.60	0.89	8.56
PROPYLENE	0.66	1.63	0.21	0.81
CHLOROMETHANE	0.49	0.38	1.11	1.23
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	0.03	0.09	ND	0.17
BROMOMETHANE	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND
METHYLENE CHLORIDE	0.14	0.17	0.12	0.41
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND	ND
CHLOROPRENE	ND	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND	ND
CHLOROFORM	0.03	0.03	0.03	0.25
1,2 - DICHLOROETHANE	ND	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.04	0.04	0.12	0.14
BENZENE	0.12	0.17	0.31	1.35
CARBON TETRACHLORIDE	0.02	0.02	0.16	0.20
1,2 - DICLOROPROPANE	ND	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND	ND
TRICHLOROETHYLENE	ND	ND	ND	0.04
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	0.27	0.48	0.57	4.93
DIBROMOCHLOROMETHANE	ND	ND	ND	ND
N-OCTANE	0.02	0.02	0.03	0.20
TETRACHLOROETHYLENE	0.02	0.04	0.06	0.06
CHLOROBENZENE	ND	ND	ND	ND
ETHYLBENZENE	0.07	0.13	0.13	0.25
m,p - XYLENE	0.25	0.55	0.33	1.58
BROMOFORM	ND	ND	ND	ND
STYRENE	0.01	0.13	0.71	1.57
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND	ND
o - XYLENE	0.09	0.17	0.13	0.60
m - DICHLOROBENZENE	ND	ND	ND	ND
p - DICHLOROBENZENE	ND	ND	ND	0.07
o - DICHLOROBENZENE	ND	ND	ND	ND

**1996 SNMOC Toxic Options - B1AL**

SAMPLE SITE #	B1AL 7229	B1AL 7654	B1AL 7870
SAMPLE DATE	7/30/96	8/15/96	8/23/96
ANALYSIS DATE	8/30/96	9/14/96	9/17/96
FILE NAME	KJL8H005	KJL6IND15	KJL6IQ004
UNITS	ppbv	ppbv	ppbv
ACETYLENE	2.26	13.28	17.60
PROPYLENE	0.63	3.25	3.77
CHLOROMETHANE	0.60	0.57	0.55
VINYL CHLORIDE	ND	ND	ND
1,3-BUTADIENE	0.06	0.44	0.49
BROMOMETHANE	ND	ND	ND
CHLOROETHANE	ND	ND	ND
METHYLENE CHLORIDE	0.07	0.37	0.32
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND
CHLOROPRENE	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND
CHLOROFORM	0.02	0.06	0.06
1,2 - DICHLOROETHANE	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.12	0.26	0.25
BENZENE	0.69	1.84	3.59
CARBON TETRACHLORIDE	0.08	0.08	0.08
1,2 - DICHLOROPROPANE	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND
TRICHLOROETHYLENE	ND	ND	0.06
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND
TOLUENE	0.85	4.78	6.07
DIBROMOCHLOROMETHANE	ND	ND	ND
N-OCTANE	0.07	0.24	0.41
TETRACHLOROETHYLENE	0.02	0.24	0.13
CHLOROBENZENE	ND	ND	ND
ETHYLBENZENE	0.16	0.88	1.10
m,p - XYLENE	0.66	3.13	4.03
BROMOFORM	ND	ND	ND
STYRENE	0.36	6.00	6.93
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND
o - XYLENE	0.19	1.05	1.38
m - DICHLOROBENZENE	0.01	ND	ND
p - DICHLOROBENZENE	0.02	0.10	0.12
o - DICHLOROBENZENE	0.01	ND	ND

**1996 SNMOC Toxic Options - B1AL**

SAMPLE SITE #	B1AL 8407D1	B1AL 8407R1	B1AL 8407D2	B1AL 8407R2
SAMPLE DATE	9/23/96	9/23/96	9/23/96	9/23/96
ANALYSIS DATE	11/5/96	11/10/96	11/5/96	11/10/96
FILE NAME	KUL6KE005	KUL6KJ014	KUL6KE006	KUL6KJ015
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	31.23	33.64	32.67	32.67
PROPYLENE	4.89	4.41	4.55	4.41
CHLOROMETHANE	0.60	0.54	0.53	0.49
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	0.58	0.55	0.55	0.57
BROMOMETHANE	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND
METHYLENE CHLORIDE	0.49	0.47	0.46	0.47
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND	ND
CHLOROPRENE	ND	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND	ND
CHLOROFORM	0.07	0.07	0.07	0.07
1,2 - DICHLOROETHANE	ND	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.16	0.19	0.16	0.18
BENZENE	3.53	3.71	3.54	3.74
CARBON TETRACHLORIDE	0.10	0.10	0.09	0.10
1,2 - DICHLOROPROPANE	ND	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND	ND
TRICHLOROETHYLENE	0.02	0.02	0.02	0.02
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	5.71	6.97	5.89	5.99
DIBROMOCHLOROMETHANE	ND	ND	ND	ND
N-OCTANE	0.28	0.31	0.26	0.29
TETRACHLOROETHYLENE	0.10	0.10	0.10	0.11
CHLOROBENZENE	ND	ND	ND	ND
ETHYLBENZENE	1.40	1.47	1.45	1.52
m,p - XYLENE	5.93	6.20	6.02	6.31
BROMOFORM	ND	ND	ND	ND
STYRENE	0.29	0.31	0.31	0.33
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND	ND
p - XYLENE	2.11	2.21	2.22	2.28
m - DICHLOROBENZENE	ND	ND	ND	0.01
p - DICHLOROBENZENE	0.15	0.11	0.11	0.11
o - DICHLOROBENZENE	ND	0.01	ND	ND

**1996 SNMOC Toxic Options - B2AL**

SAMPLE SITE #	B2AL 6392	B2AL 6581	B2AL 6540	B2AL 7064
SAMPLE DATE	6/19/96	6/27/96	7/12/96	7/22/96
ANALYSIS DATE	7/25/96	8/9/96	8/12/96	8/23/96
FILE NAME	KL6GY008	KL6H011	KL6HL007	KL6HW014
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	3.60	1.68	0.75	2.04
PROPYLENE	0.50	0.45	ND	0.76
CHLOROMETHANE	0.46	1.09	1.09	1.22
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	0.05	0.07	ND	0.17
BROMOMETHANE	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND
METHYLENE CHLORIDE	0.05	0.12	0.10	0.05
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND	ND
CHLOROPRENE	ND	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND	ND
CHLOROFORM	0.03	0.06	0.06	0.05
1,2 - DICHLOROETHANE	ND	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.05	0.11	0.14	0.11
BENZENE	0.15	0.85	0.20	0.90
CARBON TETRACHLORIDE	0.02	0.16	0.15	0.18
1,2 - DICHLOROPROPANE	ND	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND	ND
TRICHLOROETHYLENE	ND	ND	ND	ND
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	0.17	1.07	0.38	1.93
DIBROMOCHLOROMETHANE	ND	ND	ND	ND
N-OCTANE	0.01	0.03	0.02	0.07
TETRACHLOROETHYLENE	0.01	0.03	0.03	ND
CHLOROBENZENE	ND	ND	ND	ND
ETHYLBENZENE	0.05	0.09	0.04	0.15
m,p - XYLENE	0.17	0.55	0.25	1.08
BROMOFORM	ND	ND	ND	ND
STYRENE	0.01	0.29	ND	0.57
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND	ND
o - XYLENE	0.06	0.20	0.09	0.37
m - DICHLOROBENZENE	ND	0.01	0.01	ND
p - DICHLOROBENZENE	ND	0.02	0.02	0.02
o - DICHLOROBENZENE	ND	0.01	0.02	ND

**1996 SNMOC Toxic Options - B2AL**

SAMPLE SITE #	B2AL 7224	B2AL 7371 D1	B2AL 7371 R1	B2AL 7372 D2
SAMPLE DATE	7/30/96	8/5/96	8/5/96	8/5/96
ANALYSIS DATE	8/30/96	9/4/96	9/14/96	9/4/96
FILE NAME	KL6H\$006	KL6D011	KL6B\$005	KL6D010
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	4.30	1.88	1.83	1.77
PROPYLENE	1.14	0.86	0.81	0.89
CHLOROMETHANE	0.51	0.63	0.69	0.66
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	0.12	0.07	0.07	0.10
BROMOMETHANE	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND
METHYLENE CHLORIDE	0.03	0.05	0.32	0.03
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND	ND
CHLOROPRENE	ND	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND	ND
CHLOROFORM	0.03	0.03	0.03	0.03
1,2 - DICHLOROETHANE	ND	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.12	0.15	0.23	0.12
BENZENE	1.14	0.43	0.43	0.41
CARBON TETRACHLORIDE	0.08	0.10	0.10	0.08
1,2 - DICHLOROPROPANE	ND	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND	ND
TRICHLOROETHYLENE	ND	ND	0.04	ND
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	1.44	0.76	0.85	0.78
DIBROMOCHLOROMETHANE	ND	ND	ND	ND
N-OCTANE	0.12	ND	ND	ND
TETRACHLOROETHYLENE	0.03	0.02	0.02	0.02
CHLOROBENZENE	ND	ND	ND	ND
ETHYLBENZENE	0.23	0.14	0.13	0.15
m,p - XYLENE	0.03	0.44	0.49	0.44
BROMOFORM	ND	ND	ND	ND
STYRENE	1.79	0.50	0.50	0.43
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND	ND
o -XYLENE	0.29	0.18	0.16	0.19
m - DICHLOROBENZENE	ND	ND	0.01	ND
p - DICHLOROBENZENE	0.02	ND	0.02	ND
c - DICHLOROBENZENE	ND	ND	ND	ND

**1996 SNMOC Toxic Options - B2AL**

SAMPLE SITE #	B2AL 7372 R2	B2AL 7682	B2AL 7854
SAMPLE DATE	8/5/96	8/15/96	8/23/96
ANALYSIS DATE	8/14/96	8/14/96	8/17/96
FILE NAME	K/L6IN012	K/L6IN008	K/L6IQ005
UNITS	ppbv	ppbv	ppbv
ACETYLENE	1.81	2.88	2.51
PROPYLENE	0.73	0.79	0.80
CHLOROMETHANE	0.63	0.55	0.55
VINYL CHLORIDE	ND	ND	ND
1,3-BUTADIENE	0.10	0.07	0.07
BROMOMETHANE	ND	ND	ND
CHLOROETHANE	ND	ND	ND
METHYLENE CHLORIDE	0.05	0.10	0.07
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND
CHLOROPRENE	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND
CHLOROFORM	0.03	0.03	0.05
1,2 - DICHLOROETHANE	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.13	0.13	0.12
BENZENE	0.43	0.51	0.69
CARBON TETRACHLORIDE	0.10	0.08	0.10
1,2 - DICHLOROPROPANE	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND
TRICHLOROETHYLENE	ND	ND	ND
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND
TOLUENE	0.75	0.93	1.33
DIBROMOCHLOROMETHANE	ND	ND	ND
N-OCTANE	0.02	0.03	0.03
TETRACHLOROETHYLENE	ND	0.02	0.02
CHLOROBENZENE	ND	ND	ND
ETHYLBENZENE	0.11	0.15	0.21
m,p - XYLENE	0.42	0.55	0.74
BROMOFORM	ND	ND	ND
STYRENE	0.43	0.43	0.64
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND
o - XYLENE	0.15	0.19	0.27
m - DICHLOROBENZENE	ND	ND	0.01
p - DICHLOROBENZENE	ND	0.02	0.02
a - DICHLOROBENZENE	ND	ND	ND

**1996 SNMOC Toxics Options - B3AL**

SAMPLE SITE #	B3AL 6384	B3AL 6590	B3AL 7058	B3AL 7061
SAMPLE DATE	6/18/96	8/27/96	7/22/96	7/12/96
ANALYSIS DATE	7/25/96	7/25/96	8/23/96	8/12/96
FILE NAME	K/L6GY009	K/L6GY013	K/L8HW013	K/L8H1.008
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	2.11	3.16	2.32	0.81
PROPYLENE	0.21	0.34	0.23	0.13
CHLOROMETHANE	0.52	0.44	1.25	1.02
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	ND	ND	ND	ND
BROMOMETHANE	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND
METHYLENE CHLORIDE	0.05	0.07	0.05	0.10
trans - 1,2 - DICHLOROETHYLENE	ND	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND	ND
CHLOROPRENE	ND	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND	ND
CHLOROFORM	0.03	0.04	0.05	0.05
1,2 - DICHLOROETHANE	ND	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.04	0.03	0.12	0.12
BENZENE	0.06	0.07	0.39	0.22
CARBON TETRACHLORIDE	0.02	0.02	0.18	0.16
1,2 - DICHLOOROPROPANE	ND	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND	ND
TRICHLOROETHYLENE	ND	ND	ND	ND
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	0.11	0.13	0.44	0.40
DIBROMOCHLOROMETHANE	ND	ND	ND	ND
N-OCTANE	0.01	0.01	0.02	0.05
TETRACHLOROETHYLENE	0.02	0.17	ND	0.05
CHLOROBENZENE	ND	ND	ND	ND
ETHYLBENZENE	0.03	0.03	0.03	0.04
m,p - XYLENE	0.10	0.11	0.22	0.23
BROMOFORM	ND	ND	ND	ND
STYRENE	ND	0.01	0.29	ND
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND	ND
o - XYLENE	0.03	0.04	0.05	0.06
m - DICHLOROBENZENE	ND	ND	ND	ND
p - DICHLOROBENZENE	ND	ND	0.02	0.02
o - DICHLOROBENZENE	ND	ND	ND	ND

**1996 SNMOC Toxics Options - B3AL**

SAMPLE SITE #	B3AL 7332	B3AL 7364 D1	B3AL 7364 R1	B3AL 7367 D2
SAMPLE DATE	7/30/96	8/5/96	8/5/96	8/5/96
ANALYSIS DATE	8/30/96	9/13/96	9/14/96	9/4/96
FILE NAME	KL6H5007	KL6H5010	KL6H5011	KL6H5012
UNITS	ppbv	ppbv	ppbv	ppbv
ACETYLENE	2.15	2.89	2.87	3.34
PROPYLENE	0.45	0.83	0.85	0.95
CHLOROMETHANE	0.85	0.68	0.74	0.82
VINYL CHLORIDE	ND	ND	ND	ND
1,3-BUTADIENE	0.02	0.05	ND	ND
BROMOMETHANE	ND	ND	ND	ND
CHLOROETHANE	ND	ND	ND	ND
METHYLENE CHLORIDE	0.05	0.08	0.10	0.12
trans - 1,2 - DICHLOROETHYLENE	0.01	ND	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND	ND
CHLOROPRENE	ND	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND	ND
CHLOROFORM	0.02	0.05	0.05	0.05
1,2 - DICHLOROETHANE	ND	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.16	0.26	0.24	0.28
BENZENE	0.37	0.59	0.58	0.71
CARBON TETRACHLORIDE	0.10	0.10	0.10	0.10
1,2 - DICLOROPROPANE	ND	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND	ND
TRICHLOROETHYLENE	ND	ND	ND	ND
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	ND	ND	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND	ND
TOLUENE	0.78	1.02	1.02	1.40
DIBROMOCHLOROMETHANE	ND	ND	ND	ND
N-OCTANE	0.03	0.03	0.03	0.03
TETRACHLOROETHYLENE	0.05	0.11	0.11	0.32
CHLOROBENZENE	ND	ND	ND	ND
ETHYLBENZENE	0.12	0.14	0.13	0.15
m,p - XYLENE	0.42	0.48	0.49	0.50
BROMOFORM	ND	ND	ND	ND
STYRENE	0.64	0.64	0.64	0.57
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND	ND
o - XYLENE	0.13	0.15	0.16	0.19
m - DICHLOROBENZENE	ND	ND	ND	ND
p - DICHLOROBENZENE	0.02	ND	0.02	0.02
o - DICHLOROBENZENE	ND	ND	ND	ND

**1996 SNMOC Toxics Options - B3AL**

SAMPLE SITE #	B3AL 7367 R2	B3AL 7658	B3AL 7882
SAMPLE DATE	8/5/96	8/15/96	8/23/96
ANALYSIS DATE	9/14/96	9/15/96	9/16/96
FILE NAME	KL6IN008	KL6IO008	KL8IP011
UNITS	ppbv	ppbv	ppbv
ACETYLENE	3.83	4.53	4.41
PROPYLENE	0.81	1.16	1.32
CHLOROMETHANE	0.70	0.63	0.63
VINYL CHLORIDE	ND	ND	ND
1,3-BUTADIENE	ND	0.15	0.17
BROMOMETHANE	ND	ND	ND
CHLOROETHANE	ND	ND	ND
METHYLENE CHLORIDE	0.10	0.22	0.17
trans - 1,2 - DICHLOROETHYLENE	NO	ND	ND
1,1 - DICHLOROETHANE	ND	ND	ND
CHLOROPRENE	ND	ND	ND
BROMOCHLOROMETHANE	ND	ND	ND
CHLOROFORM	0.05	0.06	0.10
1,2 - DICHLOROETHANE	ND	ND	ND
1,1,1 - TRICHLOROETHANE	0.31	0.22	0.23
BENZENE	0.75	0.82	1.06
CARBON TETRACHLORIDE	0.10	0.10	0.10
1,2 - DICHLOROPROPANE	ND	ND	ND
BROMODICHLOROMETHANE	ND	ND	ND
TRICHLOROETHYLENE	ND	ND	ND
cis - 1,3 - DICHLOROPROPENE	ND	ND	ND
trans - 1,3 - DICHLOROPROPENE	NO	ND	ND
1,1,2 - TRICHLOROETHANE	ND	ND	ND
TOLUENE	1.45	1.75	2.44
DIBROMOCHLOROMETHANE	ND	ND	ND
N-OCTANE	0.03	ND	0.07
TETRACHLOROETHYLENE	0.37	0.35	0.30
CHLOROBENZENE	ND	ND	ND
ETHYLBENZENE	0.15	0.27	0.34
m,p - XYLENE	0.51	0.92	1.20
BROMOFORM	ND	ND	ND
STYRENE	0.71	0.71	0.93
1,1,2,2 - TETRACHLOROETHANE	ND	ND	ND
o - XYLENE	0.18	0.33	0.42
m - DICHLOROBENZENE	0.01	ND	ND
p - DICHLOROBENZENE	0.02	ND	0.02
o - DICHLOROBENZENE	0.01	ND	ND

## CONCENTRATION TABLE

1996 SNMOC CARBONYLS

Sample Site: Denver, CO (CAMP)

SAMPLE #	8002	8003	8005	8006	8172 D1	8172 R1	8173 D2
SAMPLE DATE	9/27/96	9/29/96	8/31/96	9/29/96	9/4/96	9/4/96	9/4/96
EXTRACTION DATE	10/25/96	10/25/96	10/25/96	10/25/96	10/25/96	10/25/96	10/25/96
ANALYSIS DATE	11/10/96	11/10/96	11/10/96	11/10/96	11/10/96	11/10/96	11/10/96
FILE NAME	N6KG053.	N6KG054.	N6KG056.	N6KG057.	N6KG030.	N6KG031.	N6KG032.
UNITS	ppbv						
Formaldehyde	4.40	4.24	3.89	5.56	4.38	3.95	5.14
Acetaldehyde	32.45	37.91	40.52	5.21	13.09	12.03	2.83
Acrolein	ND	ND	0.32	ND	0.56	0.41	ND
Acetone	4.06	0.67	0.33	6.28	7.46	6.88	6.46
Propionaldehyde	0.37	0.43	0.57	0.30	0.33	0.28	0.35
Crotonaldehyde	0.77	1.19	2.01	2.40	0.30	0.32	0.23
Butyrylsobutyrylaldehyde	0.51	0.51	D 45	0.72	0.60	ND	0.52
Benzaldehyde	0.12	0.24	0.17	NC	ND	ND	ND
Isovaleraldehyde	ND						
Valerolactide	0.29	ND	ND	ND	0.28	ND	ND
Toluualdehydes	0.35	ND	ND	0.58	0.87	0.74	ND
Hexanaldehyde	5.35	0.31	0.28	0.37	0.43	ND	0.22
2,5-Dimethylbenzaldehyde	0.20	0.21	ND	ND	0.34	ND	ND

\* Concentration is below the detection limit:  
Sample 8003 is Field Blank subtracted.

## CONCENTRATION TABLE

### 1996 SNMOC CARBONYLS

Sample Site: Denver, CO (CAMP)

SAMPLE #	8173 R2	8174	8175
SAMPLE DATE	9/4/96	9/6/96	9/8/96
EXTRACTION DATE	10/25/96	10/25/96	10/25/96
ANALYSIS DATE	11/8/96	11/10/96	11/10/96
FILE NAME	N6KG033	N6KG058.	N6KG059.....
UNITS	ppbv	ppbv	ppbv
Formaldehyde	5.24	3.83	3.19
Acetaldehyde	2.83	16.09	1.93
Acrolein	ND	ND	ND
Acetone	6.30	6.00	6.77
Propionaldehyde	0.25	ND	ND
Crotonaldehyde	0.21	0.40	ND
Butyrlisobutyraldehyde	0.50	0.54	ND
Benzaldehyde	ND	0.13	ND
Isovaleraldehyde	ND	ND	ND
Valeraldehydes	ND	ND	ND
Toluinaldehydes	ND	0.58	ND
Hexanaldehyde	0.28	0.37	0.23
2,5-Dimethylbenzaldehyde	ND	ND	ND

\* Concentration is below the detection limit  
Sample 8003 is Field Blank subfractured.

## CONCENTRATION TABLE

**Sample Site: Dallas, TX (CAMS 5)**  
**Underivatized Concentration (ppbv)**

SAMPLE #	6183	6814	6904	7174	7352	7567	7771	B136
SAMPLE DATE	8/31/96	7/10/96	7/18/96	7/25/96	8/15/96	8/13/96	8/21/96	9/6/96
EXTRACTION DATE	7/16/96	7/16/96	8/17/96	8/17/96	9/13/96	9/29/96	9/19/96	10/28/96
ANALYSIS DATE	8/19/96	8/19/96	9/19/96	9/18/96	11/11/96	10/29/96	10/29/96	11/7/96
FILE NAME	N6HA035	N5HA036	O6IN051	O6IN048	O6KK005	O6KKA06	O6JG051	N6KG016
UNITS	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
Formaldehyde	3.40	4.50	2.05	3.02	1.86	2.86	3.99	3.35
Acetaldehyde	33.26	2.84	33.84	38.84	35.58	47.41	61.67	44.70
Acrolein	0.20	0.14	ND	ND	ND	ND	ND	0.54
Acetone	0.41	4.76	3.09	2.70	1.44	0.82	1.19	2.14
Propionaldehyde	ND	0.56	0.36	0.38	0.13	0.22	0.36	0.23
crotonaldehyde	0.36	0.53	0.40	0.30	1.08	0.36	0.43	0.46
Butyraldehyde/butyrylaldehyde	0.46	0.48	0.46	0.30	1.85	0.51	ND	ND
benzaldehyde	0.17	0.21	0.16	0.13	0.37	0.18	0.19	ND
isovaleraldehyde	0.24	ND	ND	0.11	ND	ND	ND	0.24
Valeraldehyde	0.24	0.12	ND	0.23	ND	ND	ND	0.48
Tolualdehydes	ND	ND	ND	ND	ND	ND	ND	ND
hexanaldehyde	0.34	0.23	0.27	0.27	0.24	0.22	0.22	0.32
2,6-Dimethylbenzaldehyde	ND	ND	ND	ND	ND	ND	1.18	0.18

Concentration is below the detection limit

## CONCENTRATION TABLE

**Sample Site: Dallas, TX (CAMS 5)**  
**Underivatized Concentration (ppbv)**

SAMPLE #	8416 D1	8416 R1	8419 D2	8419 R2	8531	8524	8431 FB
SAMPLE DATE	9/24/96	9/24/96	9/24/96	9/24/96	9/27/96	9/30/96	9/25/96
EXTRACTION DATE	10/28/96	10/28/96	10/28/96	10/28/96	10/28/96	10/28/96	10/28/96
ANALYSIS DATE	11/8/96	11/8/96	11/8/96	11/8/96	11/7/96	11/7/96	11/7/96
FILE NAME	N6KG014	N6KG015	N6KG009	N6KG010	#REF!	#REF!	N6KG008
UNITS	ppbv						
Formaldehyde	0.74	0.74	0.95	0.90	0.59	3.35	#DIV/0!
Acetaldehyde	0.94	0.89	1.07	1.00	0.60	2.10	#DIV/0!
Acrolein	ND						
Acetone	1.06	0.99	1.75	1.73	0.98	3.47	#DIV/0!
Propionaldehyde	0.11	0.05	0.03	0.03	0.07	0.25	#DIV/0!
crotonaldehyde	ND	ND	ND	ND	ND	0.33	ND
Butyraldehyde	0.37	0.35	0.41	ND	ND	0.45	ND
Benzaldehyde	ND						
Isovaleraldehyde	ND						
Valeraldehyde	ND						
Toluualdehyde	ND	ND	ND	ND	ND	ND	#DIV/0!
Hexanaldehyde	0.29	0.23	ND	ND	0.16	0.23	ND
2,6-Dimethylbenzaldehyde	ND						

\* Concentration is below the detection limit

## CONCENTRATION TABLE

**Sample Site:** Fort Worth, TX (CAMS 13)  
**Underivatized Concentration (ppbv)**

SAMPLE #	6204	6788	6970	7172	7401	7555	7732	8116
SAMPLE DATE	6/31/96	7/10/96	7/18/96	7/25/96	8/5/96	8/13/96	8/21/96	9/6/96
EXTRACTION DATE	6/18/96	7/16/96	8/17/96	8/17/96	8/3/96	8/3/96	8/18/96	10/28/96
ANALYSIS DATE	6/18/96	8/2/96	8/19/96	9/18/96	11/11/96	11/11/96	10/3/96	11/7/96
FILE NAME	D6FFR010	N6HA037	O6IN048	O6IN047	O6KK007	O6KK008	O6J0040	N6KG011
UNITS	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
Formaldehyde	6.69	4.05	1.60	2.91	1.79	2.35	4.16	2.51
Acetaldehyde	3.97	2.06	32.06	36.13	59.54	9.49	39.73	7.93
Acrolein	ND	0.20	ND	ND	0.15	ND	ND	0.39
Acetone	3.39	4.05	1.53	2.30	0.23	3.39	4.03	3.37
Propionaldehyde	0.44	ND	0.20	0.24	0.32	0.15	ND	0.21
Crotonaldehyde	0.46	ND	0.34	0.45	0.24	0.27	0.30	0.18
Butyrylsobutyraldehyde	0.56	0.36	0.64	0.47	0.30	0.49	ND	0.45
Benzaldehyde	0.10	ND	ND	ND	0.11	0.12	ND	ND
Isovaleraldehyde	ND	ND	ND	ND	ND	ND	ND	ND
Valeraldehyde	ND	0.06	ND	0.11	0.28	ND	2.04	0.14
Toluinaldehyde	ND	ND	ND	ND	ND	ND	0.29	0.42
Hexanaldehyde	0.24	0.17	ND	0.25	0.18	0.20	0.29	0.27
2,6-Dimethylbenzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND

\* Concentration is below the detection limit

NOTE: The field blank concentrations were calculated based on the average volume from all of the samples analyzed at the Fort Worth, TX (CAMS13) site.

## CONCENTRATION TABLE

Sample Site: Fort Worth, TX (CAMS 13)  
Undervolatized Concentration (ppbv)

SAMPLE #	8400 D1	8400 R1	8401 D2	8401 R2	8533	8526	8448 FB
SAMPLE DATE	9/24/96	9/24/96	9/24/96	9/24/96	9/27/96	9/30/96	9/26/96
EXTRACTION DATE	10/28/96	10/28/96	10/28/96	10/28/96	10/28/96	10/28/96	10/28/96
ANALYSIS DATE	11/6/96	11/6/96	11/6/96	11/6/96	11/6/96	11/6/96	11/6/96
FILE NAME	N6KG020	N6KG021	N6KG022	N6KG023	N6KG013	N6KG014	N6KG012
UNITS	ppbv						
Fornaldehyde	1.38	1.38	1.85	1.78	1.21	5.05	0.55
Acetaldehyde	52.49	52.03	64.17	63.38	1.01	2.46	0.61
Acrolein	0.10	0.15	0.11	0.32	ND	ND	ND
Acetone	0.40	0.42	0.67	0.72	1.72	5.00	0.68
Propionaldehyde	0.23	0.24	0.27	0.29	ND	0.30	ND
crotonaldehyde	0.18	0.41	0.27	0.27	0.23	0.25	0.17
Butyrylbutyraldehyde	0.36	0.42	ND	0.50	0.65	0.56	0.60
Benzaldehyde	ND						
Isovaloraldehyde	ND						
Valeraldehyde	0.29	0.27	0.40	0.35	ND	ND	ND
Toluinaldehydes	ND						
Hexanaldehyde	0.29	0.19	0.21	0.36	0.17	0.26	0.15
2,6-Dimethylbenzaldehyde	ND						

\* Concentration is below the detection limit

NOTE: The field blank concentrations were calculated based on the average volume from all of the samples analyzed at the Fort Worth, TX (CAMS13) site.

## CONCENTRATION TABLE

**Sample Site: Dallas, TX**  
**Undervalued Concentration (ppbv)**

SAMPLE #	6521	6520	6809	6930	7167	7345 D1	7345 D2
SAMPLE DATE	6/4/96	6/25/96	7/10/96	7/18/96	8/5/96	8/5/96	8/5/96
EXTRACTION DATE	7/15/96	7/15/96	7/15/96	8/17/96	8/3/96	8/3/96	9/3/96
ANALYSIS DATE	7/22/96	7/22/96	7/22/96	9/18/96	11/11/96	11/11/96	11/11/96
FILE NAME	O6GT024,	O6GT025,	O6GT026,	O6IN045	O6KK011	O6KK012	O6KK013
UNITS	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
Formaldehyde	3.63	2.85	4.11	1.98	3.92	2.03	2.05
Acetaldehyde	30.02	21.52	19.78	25.42	26.24	51.36	50.28
Acrolein	0.23	0.09	0.17	ND	ND	ND	ND
Acetone	2.98	2.45	3.67	1.61	3.34	1.07	1.03
Propanaldehyde	0.15	0.11	0.12	0.23	0.32	0.28	0.30
Crotonaldehyde	0.27	0.51	0.46	0.37	0.40	0.22	0.21
Butyrylsobutyraldehyde	0.31	0.76	0.80	0.40	0.40	0.31	0.30
Benzaldehyde	ND	0.09	0.13	ND	ND	0.10	0.10
Isovaleraldehyde	0.26	ND	ND	ND	0.38	ND	ND
Valeraldehyde	0.12	0.11	0.07	ND	ND	0.18	0.27
Toluualdehyde	ND	0.17	0.91	ND	0.69	ND	0.17
Hexanaldehyde	0.28	0.18	0.17	0.21	0.32	0.23	0.25
2,5-Dimethylbenzaldehyde	ND	ND	ND	ND	ND	ND	ND

\* Concentration is below the detection limit!

## CONCENTRATION TABLE

**Sample Site:** Dallas, TX  
**Underivatized Concentration (ppbv)**

SAMPLE #	7346 R2	7575	7782	8147	8264	8482 FB
SAMPLE DATE	8/19/96	8/12/96	8/21/96	9/5/96	9/12/96	9/26/96
EXTRACTION DATE	9/3/96	9/3/96	9/19/96	10/28/96	10/28/96	10/28/96
ANALYSIS DATE	1/1/97	1/1/97	10/9/96	11/8/96	11/9/96	11/9/96
FILE NAME	06KK014	06KK016A	06JJ0041	N6KG040	N6KG041	N6KG042
UNITS	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
Formaldehyde	2.08	3.20	4.51	2.68	8.00	0.70
Acetaldehyde	64.45	47.35	47.16	51.29	4.10	0.52
Acrolein	ND	ND	ND	ND	0.22	ND
Acetone	1.63	4.01	1.49	3.66	8.92	0.92
Propionaldehyde	0.51	0.42	0.28	0.41	0.57	ND
Crotonaldehyde	0.29	0.47	0.32	0.52	0.71	ND
Butyrylbenzylaldehyde	0.39	0.63	0.30	0.73	1.24	0.25
Benzaldehydes	0.48	0.15	ND	ND	ND	ND
Isovaleraldehyde	ND	ND	ND	ND	ND	ND
Valeraldehyde	ND	0.10	0.22	ND	ND	ND
Toluualdehydes	ND	0.32	ND	0.24	1.40	ND
Hexanaldehyde	0.33	0.40	0.23	0.24	0.43	0.17
2,5-Dimethylbenzaldehyde	ND	ND	ND	ND	ND	ND

\* Concentration is below the detection limit

## 1996 CARBONYLS

**Sample Site: Cape Elizabeth, ME**  
**Undenitrified Concentration (ppbv)**

SAMPLE #	SAMPLE DATE	6/5/96	6/14/96	6/20/96	6/26/96
	EXTRACTION DATE	7/2/96	7/2/96	7/2/96	7/2/96
	ANALYSIS DATE	7/22/96	7/22/96	7/22/96	7/22/96
FILE NAME		O6GT021.	O6GT022.	O6GT023.	O6GT020.
UNITS		ppbv	ppbv	ppbv	ppbv
Formaldehyde		0.88	1.01	0.77	0.99
Acetaldehyde		0.50	0.55	0.27	0.35
Acrolein		ND	ND	0.01	ND
Acetone		0.30	0.33	0.17	0.48
Propionaldehyde		0.05	0.05	0.04	0.03
Crotonaldehyde		0.03	0.11	0.03	0.05
Butyrylaceturylaldehyde		0.05	0.05	0.03	0.03
Benzaldehyde		0.02	0.03	0.02	0.02
Isovaleraldehyde		0.02	0.02	0.01	ND
Valeraldehyde		0.01	0.01	0.004	ND
Toluinaldehydes		ND	0.01*	ND	0.01*
Hexanaldehyde		0.02	0.02	ND	0.01
2,5-Dimethylbenzaldehyde		ND	NO	ND	ND

\* Concentration is below the detection limit

## 1996 CARBONYLS

Sample Site: Cape Elizabeth, ME  
 Undemarized Concentration: (ppbv)

SAMPLE #	7274	7273	7277	7276	7275
SAMPLE DATE	7/2/96	7/8/96	7/14/96	7/26/96	7/26/96
EXTRACTION DATE	9/3/96	9/3/96	9/3/96	9/3/96	8/3/96
ANALYSIS DATE	9/19/96	9/19/96	9/19/96	8/19/96	9/19/96
FILE NAME	O61S011.	O61S010.	O61S014	O61S013.	O61S012.
UNITS	ppbv	ppbv	ppbv	ppbv	ppbv
Formaldehyde	1.20	1.25	0.81	0.99	11.44
Acetaldehyde	0.47	0.92	ND	0.21	0.17
Acrolein	ND	ND	ND	ND	ND
Acetone	0.15	0.22	0.11	0.37	0.13
Propionaldehyde	0.04	0.02	0.02	0.04	0.02
Crotonaldehyde	0.74	0.07	0.05	0.05	0.02
Butyrylacetohydroxyde	0.04	0.08	0.02	0.03	0.04
Benzaldehyde	ND	ND	ND	ND	ND
Isovaleraldehyde	ND	ND	ND	ND	ND
Valeraldehyde	ND	ND	ND	ND	ND
Toluinaldehyde	0.16	0.16	0.03	0.02	0.03
Hexanaldehyde	ND	ND	ND	ND	ND
2,6-Dimethylbenzaldehyde	ND	ND	ND	ND	ND

## 1996 CARBONYLS

Sample Site: Cape Elizabeth, ME  
Undeuterated Concentration (ppbv)

SAMPLE #	7274	7273	7277	7276	7275
SAMPLE DATE	7/2/96	7/8/96	7/14/96	7/20/96	7/26/96
EXTRACTION DATE	8/3/96	8/3/96	8/3/96	8/3/96	8/3/96
ANALYSIS DATE	9/1/96	9/1/96	9/1/96	9/1/96	9/1/96
FILE NAME	DB1S011.	DB1S010.	DB1S014.	DB1S013.	DB1S012.
UNITS	ppbv	ppbv	ppbv	ppbv	ppbv
Formaldehyde	1.2C	1.21	0.5*	0.59	0.44
Acetaldehyde	0.4C	0.33	0.53	2.21	0.17
Acrolein	ND	ND	ND	ND	ND
Acetone	0.1%	0.22	0.11	0.37	0.13
Propionaldehyde	0.06	0.10	0.05	0.34	0.07
Crotonaldehyde	0.04	0.07	0.06	0.06	0.02
Butyrylsobutyraldehyde	0.04	0.08	0.03	0.03	0.04
Benzaldehyde	0.02	0.02	ND	ND	ND
Isovaleraldehyde	ND	ND	ND	ND	ND
Valeraldehyde	ND	ND	ND	ND	ND
Toluinaldehydes	ND	ND	ND	ND	ND
Hexanaldehyde	0.06	0.05	0.04	0.02	0.05
2,5-Dimethylbenzaldehyde	ND	ND	ND	ND	ND

**1996 PAMS CARBONYLS**

Sample Site: Cape Elizabeth, ME

SAMPLE #	7272	8534	8536	8537	8538	8539
SAMPLE DATE	08/01/96	08/07/96	08/13/96	08/19/96	08/25/96	08/31/96
EXTRACTION DATE	09/03/96	10/10/96	10/10/96	10/10/96	10/10/96	10/10/96
ANALYSIS DATE	09/19/96	10/30/96	10/30/96	10/30/96	10/30/96	10/30/96
FILE NAME	N61S009.	N61J040.	N61J041.	N61J042.	N61J043.	N61J044.
UNITS	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
Formaldehyde	0.44	1.06	0.54	0.66	1.26	1.47
Acetaldehyde	0.12	0.46	0.18	0.30	0.36	0.48
Acrolein	ND	ND	ND	ND	ND	ND
Acetone	0.16	0.30	0.22	0.25	0.26	0.37
Propionaldehyde	0.01	0.02	0.02	0.04	0.04	0.06
Crotonaldehyde	0.02	0.06	0.01	0.07	0.11	0.21
Butyrylsobutyraldehyde	0.02	0.06	0.03	0.08	ND	0.05
Benzaldehyde	ND	0.02	ND	0.01	0.02	0.03
Isovaleraldehyde	ND	ND	ND	ND	ND	ND
Valeraldehyde	ND	ND	ND	ND	ND	ND
Tolualdehydes	ND	ND	ND	ND	0.01	0.11
Hexanaldehyde	0.02	0.07	0.02	0.03	0.04	0.36
2,5-Dimethylbenzaldehyde	ND	ND	ND	ND	ND	0.02

\* Concentration is below the detection limit

## CONCENTRATION TABLE

**Sample Site: Newark, New Jersey**  
**Undematalized Concentration (ppbv)**

SAMPLE #	6156	6761	6985	7085	7255	7392 D1	7392 R1	7393 D2
SAMPLE DATE	6/15/96	7/5/96	7/19/96	7/23/96	8/11/96	8/6/96	8/6/96	8/6/96
EXTRACTION DATE	6/18/96	7/15/96	8/17/96	8/17/96	9/3/96	9/3/96	9/3/96	9/3/96
ANALYSIS DATE	6/10/96	7/22/96	9/10/96	9/10/96	11/1/96	11/12/96	11/18/96	11/18/96
FILE NAME	06FR011	06GT027	06IN044A	06IN043A	06KK010	06KK021	06KK022	06KP007
UNITS	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv	ppbv
Formaldehyde	4.87	5.52	2.27	3.21	2.89	7.16	6.82	7.17
Acetaldehyde	2.62	1.99	4.407	12.19	52.91	66.41	62.73	58.69
Acrolein	ND	0.17	ND	ND	0.13	ND	ND	0.24
Acetone	4.46	4.05	2.08	2.79	1.18	1.15	1.24	0.97
Propanaldehyde	ND	0.15	0.39	0.22	0.20	0.88	0.79	0.96
Crotonaldehyde	0.16	ND	0.44	0.21	0.26	0.71	0.67	0.79
Butyrylsobutyraldehydes	0.36	0.29	0.50	0.56	0.35	0.90	0.74	0.88
Benzaldehyde	0.08	0.28	0.27	0.17	0.20	0.43	0.26	0.30
Isovaleraldehyde	ND	ND	ND	ND	ND	ND	ND	ND
Valeraldehyde	ND	ND	ND	ND	0.58	0.19	0.19	0.38
Propionaldehydes	ND	ND	ND	0.53	ND	0.12	ND	ND
Hexanaldehyde	0.16	0.13	0.22	0.25	0.43	0.44	0.46	0.46
2,6-Dimethylbenzaldehyde	ND	ND	ND	ND	ND	ND	ND	ND

\* Concentration is below the detection limit

NOTE: The field blank concentrations were calculated based on the average volume from all of the samples analyzed at the Newark, NJ site.

## CONCENTRATION TABLE

Sample Site: Newark, New Jersey  
Underivatized Concentration (ppbv)

SAMPLE #	7393 R2	7694	7940	8302	8459 FB
SAMPLE DATE	8/16/96	8/19/96	8/29/96	9/17/96	9/25/96
EXTRACTION DATE	9/3/96	9/19/96	9/19/96	10/28/96	10/28/96
ANALYSIS DATE	11/19/96	10/19/96	10/19/96	11/18/96	11/19/96
FILE NAME	06K.P008	06J.GD54	06J.G056	NGK.GD34	NGK.GB35
UNITS	ppbv	ppbv	ppbv	ppbv	ppbv
Formaldehyde	7.41	6.05	4.95	2.89	0.36
Acetaldehyde	61.77	11.44	19.94	0.69	0.44
Acrolein	0.23	0.42	ND	0.26	ND
Acetone	1.04	5.88	6.64	2.68	0.86
Propionaldehyde	0.84	ND	ND	0.16	0.04
Crotonaldehyde	0.82	0.31	0.26	ND	ND
Butyrylacetutyraldehyde	0.87	0.53	0.46	0.41	ND
Benzaldehyde	0.30	ND	0.15	ND	ND
Isovaleraldehyde	ND	ND	ND	ND	ND
Valeraldehyde	0.41	ND	0.72	ND	ND
Toluualdehydes	ND	0.61	0.47	0.39	ND
Hexanaldehyde	0.47	0.28	0.22	0.21	ND
2,5-Dimethylbenzaldehyde	ND	ND	ND	ND	ND

\* Concentration is below the detection limit.

NOTE: The field blank concentrations were calculated based on the average volume from all of the samples analyzed at the Newark, NJ site.

## CONCENTRATION TABLE

**Sample Site: Plainfield, New Jersey**  
 Undervinylized Concentration (ppbv)

SAMPLE #	6200	7088	7231	7417 D1	7417 R1	7418 D2	7418 R2	8487
SAMPLE DATE	6/7/96	7/23/96	7/31/96	8/6/96	8/6/96	8/6/96	8/6/96	9/27/96
EXTRACTION DATE	6/10/96	8/17/96	8/17/96	9/3/96	9/3/96	9/3/96	9/3/96	10/28/96
ANALYSIS DATE	6/10/96	9/18/96	9/18/96	11/12/96	11/12/96	11/12/96	11/12/96	11/09/96
FILE NAME	CH5FR012	O6IN042A	O6IN041A	O6KK017	O6KK018	O6KK019	O6KK020	M6KG037
UNITS	ppbv							
Formaldehyde	3.54	2.27	4.27	4.72	4.70	5.71	5.74	4.52
Acetaldehyde	31.32	12.17	29.81	70.49	69.44	109.26	109.63	2.41
Acrolein	ND							
Acetone	5.22	2.89	16.46	3.02	2.99	5.53	5.38	8.11
Propionaldehyde	ND	0.17	ND	0.59	0.60	0.72	0.65	0.15
Crotonaldehyde	0.18	0.44	0.29	0.49	0.47	0.58	0.57	0.15
Butyrylsobutyraldehyde	0.48	0.56	0.35	0.53	0.42	0.61	0.64	ND
Benzaldehyde	ND	ND	ND	0.25	0.23	0.30	0.31	ND
Isovaleraldehyde	ND	ND	ND	ND	ND	ND	0.32	ND
Valeraldehyde	ND	ND	0.22	0.14	0.16	0.24	0.39	ND
Tolualdehydes	ND							
Hexaldehyde	0.20	0.24	0.21	0.53	0.37	0.51	0.57	0.20
2,5-Dimethylbenzaldehyde	ND							

\* Concentration is below the detection limit

## CONCENTRATION TABLE

Sample Site: Plainfield, New Jersey  
 Undenitrated Concentration (ppbv)

SAMPLE #	8628	8489 PB
SAMPLE DATE	9/30/96	9/26/96
EXTRACTION DATE	10/26/96	10/28/96
ANALYSIS DATE	11/09/96	11/09/96
FILE NAME	N6KG039	N6KG038
UNITS	ppbv	ppbv
Formaldehyde	5.66	0.78
Acetaldehyde	3.42	0.73
Acrolein	ND	ND
Acetone	9.15	1.10
Propionaldehyde*	0.24	ND
Crotonaldehyde*	0.27	ND
Butyrylsophorotraalkdehyde	0.60	ND
Benzaldehyde	ND	ND
Isovaleraldehyde	ND	ND
Valeraldehyde	ND	ND
Tolualdehydes	0.75	ND
Hexaldehyde	0.22	0.23
2,5-Dimethylbenzaldehyde	ND	ND

\* Concentration is below the detection limit

## CONCENTRATION TABLE

### 1996 PAMS CARBONYLS

Sample Site: Denver, CO (WELBY)

SAMPLE #	7996	7997	7998	8000	8168 D1	8168 D2
SAMPLE DATE	8/27/96	8/29/96	8/31/96	9/2/96	9/4/96	9/4/96
EXTRACTION DATE	10/25/96	10/25/96	10/25/96	10/25/96	10/25/96	10/25/96
ANALYSIS DATE	11/10/96	11/10/96	11/10/96	11/10/96	11/8/96	11/8/96
FILE NAME	N6KG045.	N6KG046.	N6KG048.	N6KG049.	N6KG024.	N6KG025.
UNITS	PPbv	PPbv	PPbv	PPbv	PPbv	PPbv
Formaldehyde	4.27	4.99	5.32	7.27	5.91	6.14
Acetaldehyde	35.23	14.07	17.96	3.09	29.53	30.61
Acrolein	ND	ND	ND	ND	1.13	1.05
Aceton*	1.28	7.96	9.40	7.08	6.30	6.62
Propanaldehyde	0.39	0.31	0.48	0.37	0.58	0.63
Cratonaldehyde	1.42	0.57	0.46	0.34	1.01	1.04
Butyryl/butyraldehyde	0.77	0.84	0.63	0.86	ND	1.17
Benzaldehyde	0.41	0.11	0.12	ND	ND	ND
Isovaleraldehyde	ND	ND	ND	ND	0.21	0.22
Valeraidhyde	ND	ND	ND	ND	0.16	0.14
Toluualdehydes	ND	0.47	0.99	0.26	0.85	1.02
Hexanaldehyde	0.61	0.49	0.53	0.48	0.86	0.79
2,6-Dimethylbenzaldehyde	0.16	ND	ND	ND	ND	ND

\* Concentration is below the detection limit  
Sample 7997 is Field Blank subtracted.

**CONCENTRATION TABLE**  
**1998 PAMS CARBONYLS**

Sample Site: Denver, CO (WELBY)

SAMPLE #	8169 R2	8170	8171
SAMPLE DATE	9/4/96	9/6/96	9/8/96
EXTRACTION DATE	10/25/96	10/25/96	10/25/96
ANALYSIS DATE	11/8/96	11/10/96	11/11/96
FILE NAME	N6KG029.	N6KG051.	N6KG052.
UNITS	ppbv	ppbv	ppbv
Formaldehyde	8.72	3.20	14.28
Acetaldehyde	4.81	36.07	19.54
Acrolein	ND	0.32	ND
Acetone	8.46	0.55	54.93
Propanaldehyde	0.63	0.38	1.54
Crotonaldehyde	0.33	1.71	1.06
Butyrylsobutyraldehyde	0.76	0.48	4.24
Benzaldehyde	ND	0.16	ND
Isovaleraldehyde	ND	ND	ND
Valeraldehyde	0.12	ND	0.45
Toluualdehydes	0.46	ND	0.13
Hexanaldehyde	0.53	0.31	0.87
2,5-Dimethylbenzaldehyde	ND	ND	ND

\* Sample 7897 is Field Blank sample added.  
 Concentration is below the detection limit

## TECHNICAL REPORT DATA

(PLEASE READ INSTRUCTIONS ON THE REVERSE BEFORE COMPLETING)

1. REPORT NO. EPA-454/R-99-015	2.	3. RECIPIENT'S ACCESSION NO.
4. TITLE AND SUBTITLE <b>1996 Nonmethane Organic Compounds (NMOC) And Speciated Nonmethane Organic Compounds (SNMOC) Monitoring Program</b>		5. REPORT DATE 11/1/97
7. AUTHOR(S) <b>Eastern Research Group, Inc. 110 Hartwell Avenue, Lexington, MA 02173</b>		6. PERFORMING ORGANIZATION CODE
9. PERFORMING ORGANIZATION NAME AND ADDRESS		8. PERFORMING ORGANIZATION REPORT NO.
		10. PROGRAM ELEMENT NO.
		11. CONTRACT/GRANT NO. 68-D3-0095
12. SPONSORING AGENCY NAME AND ADDRESS <b>Office Of Air Quality Planning And Standards U. S. Environmental Protection Agency Research Triangle Park, NC 27711</b>		13. TYPE OF REPORT AND PERIOD COVERED
		14. SPONSORING AGENCY CODE
15. SUPPLEMENTARY NOTES		
16. ABSTRACT <b>IN CERTAIN AREAS OF THE COUNTRY WHERE THE NATIONAL AMBIENT AIR QUALITY STANDARD (NAAQS) FOR OZONE IS BEING EXCEEDED, ADDITIONAL MEASUREMENTS OF AMBIENT NONMETHANE ORGANIC COMPOUNDS (NMOC) ARE NEEDED TO ASSIST THE AFFECTED STATES IN DEVELOPING REVISED OZONE CONTROL STRATEGIES. BECAUSE OF PREVIOUS DIFFICULTY IN OBTAINING ACCURATE NMOC MEASUREMENTS, THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) HAS PROVIDED MONITORING AND ANALYTICAL ASSISTANCE TO THESE STATES, BEGINNING IN 1984 AND CONTINUING THROUGH THE 1996 NMOC MONITORING PROGRAM.</b>		
17. KEY WORDS AND DOCUMENT ANALYSIS		
a. DESCRIPTORS <b>Ozone Control Strategies National Ambient Air Quality Standards Nonmethane Organic Compound Monitoring Analysis 1996 NMOC Monitoring Program</b>	b. IDENTIFIERS/OPEN ENDED TERMS	c. COSATI FIELD/GROUP
18. DISTRIBUTION STATEMENT <b>UNLIMITED</b>		21. NO. OF PAGES 498
		22. PRICE